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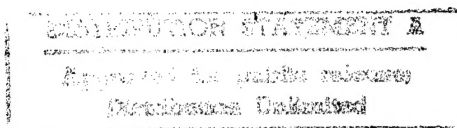
**United States Air Force
611th Civil Engineer Squadron**

Elmendorf AFB, Alaska

Final

**Remedial Investigation Report
Galena Airport and Campion Air Station**

Volume 2—Appendix A



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March 1996

APPENDIX A
Analytical Data

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APPENDIX A
DETAILED ANALYTICAL RESULTS

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GALENA 1994 EVENT

FOOTNOTE DEFINITIONS

- B Sample concentration was less than or equal to the upper tolerance level (UTL) calculated for the blanks for that analyte in that media. These data are considered indistinguishable from blank concentrations.
- E Analyte exceeded calibration range, but did not saturate the detector, therefore data is usable.
- F Co-elution or interference was suspected in the determination of the concentration of the flagged compound. These data may be biased high due to interference, although the QA/QC data for the sample were within acceptance criteria. These data are considered conservative (biased high) concentrations and are used in the risk assessment.
- J Result is less than sample specific detection limit. Data with this flag should be interpreted with caution.
- K The presence of the analyte was not confirmed because the compound was not detected on both the primary and secondary columns. Only "KJ" flagged data are reported and are intended for use as proxy values for risk assessment. This flag is used on methods requiring second column confirmation (SW8010, SW8015, SW8015MP, SW8020, and SW8080).
- L QC evaluation determined that the result may be biased low, see QA report. This flag is used only on 1992 data.
- NA Sample not analyzed for the indicated parameter. In the case of SW8080, when results are reported for some compounds, the NA indicate that high concentrations of other target analytes precluded the determination of the flagged compound.
- ND Not detected. No instrument response for analyte or result less than zero.
- P The identification of the compound is not confirmed because the ratio of results from the primary and secondary columns differ by greater than a factor of three. The lower of the two values is reported with a "P" flag, since co-elution with a non-target compound is suspected. Although they do not meet the confirmation criteria, it is likely that the compound is present, however the concentration should be regarded as an estimate. This flag is used on methods requiring second column confirmation (SW8010, SW8015, SW8015MP, SW8020, and SW8080).

FOOTNOTE DEFINITIONS- continued

- R Data did not meet QA/QC criteria. See QA/QC evaluation in Appendix F for explanation and discussion.
- S Metal concentration reported was obtained using the method of standard additions. This indicates that the analyst had some reason to believe that there was an interference with the determination, and therefore, the method of standard additions was used to determine the concentration.
- T Second column confirmation was not performed for the flagged compound. In these cases, the sample was analyzed at two different dilutions and the conformational analyses were performed for the samples analyzed at the higher dilution. These data should be considered estimates as they are not confirmed and were measured in the presence of compounds at much higher concentrations.
- X The recoveries of one or more of the internal standards were outside the applicable acceptance criteria. Method appropriate (SW8240, SW8260, and SW8270) corrective actions were implemented to confirm matrix interferences. The X-flag indicates which compounds were quantitated using the affected internal standard(s).
- Z Oily drops suspended in sample extract. An homogenous sub-sample of the extract was analyzed.

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01
A403 - Alkalinity (mg/L)				
Alkalinity		648	600	780
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity		595	440	650
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH		4.9	7	6.8
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature		2.7	1.8	1.5

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01	01	02	02
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
A403 - Alkalinity (mg/L)				
Alkalinity		340	446	240
E120.1 - Specific Conductance (umhos/cm)				
Conductivity		662	237	240
E150.1 - pH, Electrometric (pH units)				
pH		6.5	6.7	7.1
E170.1 - Temperature (deg. C)				
Temperature		19.1	4.6	5.3

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	04	04	04	04
	04-MW-02	04-MW-03	04-SW-01	04-SW-01
	04-MW-02-01	04-MW-03-01	04-SW-01-01	04-DS-03 Dup of 04-SW-01-01
A403 - Alkalinity (mg/L)				
Alkalinity		598		
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity		632		
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH		6.9		
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature		9.2		
			148	144
			266	273
			7.6	7.7
			22.1	23.1

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	04	04	04	04	05	
	04-SW-02	04-SW-03	04-SW-04	04-SW-04-01	05-MW-01	
	04-SW-02-01	04-SW-03-01			05-MW-01-01	
A403 - Alkalinity (mg/L)						
Alkalinity	110	118	100	ND		
E120.1 - Specific Conductance (umhos/cm)						
Conductivity	210	222	208	506		
E150.1 - pH, Electrometric (pH units)						
pH	7.5	7.8	7.5	ND		
E170.1 - Temperature (deg. C)						
Temperature	21	22.9	22.6	1.3		

Compiled: 20 March 1995

() = Detection Limit ☐ = Factor ND = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		SAMPLE ID	
	SAMPLE ID	05	SAMPLE ID	05	SAMPLE ID	05
A403 - Alkalinity (mg/L)	716	()	1056	()	716	()
Alkalinity						
E120.1 - Specific Conductance (umhos/cm)	622	()	696	()	541	()
Conductivity						
E150.1 - pH,Electrometric (pH units)	6.7	()	10.4	()	6.8	()
pH						
E170.1 - Temperature (deg. C)	3.1	()	1.7	()	4	()
Temperature						

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		06	06	06
		06-MW-01	06-MW-02	06-MW-03
		06-MW-01-01	06-MW-02-01	06-MW-03-01
				06-DS-08 Dup of 06-MW-03-01
A403 - Alkalinity (mg/L)				
Alkalinity	1072			
E120.1 - Specific Conductance (umhos/cm)				
Conductivity	1728			
E150.1 - pH, Electrometric (pH units)				
pH	6.7			
E170.1 - Temperature (deg. C)				
Temperature	5.5			
		812	608	656
		()	()	()
		[]	[]	[]
		1330	873	873
		()	()	()
		[]	[]	[]
		6.8	6.5	7.3
		()	()	()
		[]	[]	[]
		4	4.8	4.8
		()	()	()
		[]	[]	[]

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	06	07	06-SW-02	07-MW-01	07-MW-02	07-MW-02-01
	06-SW-02-01	07-MW-01-01	07-MW-01-01	07-MW-01-01	07-MW-01-01	07-MW-02-01
A403 - Alkalinity (mg/L)						
Alkalinity						
E120.1 - Specific Conductance (umhos/cm)						
Conductivity						
E150.1 - pH, Electrometric (pH units)						
pH						
E170.1 - Temperature (deg. C)						
Temperature						

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	07	07	07	07
	07-MW-02	07-MW-03	07-MW-04	07-SW-01
	07-DS-10 Dup of 07-MW-02-01	07-MW-03-01	07-MW-04-01	07-SW-01-01
A403 - Alkalinity (mg/L)				
Alkalinity	750	770	725	800
E120.1 - Specific Conductance (umhos/cm)				
Conductivity	857	869	715	2000
E150.1 - pH, Electrometric (pH units)				
pH	7.5	7.4	7	7
E170.1 - Temperature (deg. C)				
Temperature	2.7	2.9	1.7	21.6

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-03	09-MW-03	09-MW-04	09-MW-04	09-MW-05	09-MW-05
	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	09-MW-04-01	09-MW-04-01	09-MW-05-01	09-MW-05-01
A403 - Alkalinity (mg/L)						
Alkalinity						
E120.1 - Specific Conductance (umhos/cm)						
Conductivity						
E150.1 - pH, Electrometric (pH units)						
pH						
E170.1 - Temperature (deg. C)						
Temperature						

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09	09	09	09	10	
	09-MW-11	09-MW-12	09-MW-14	09-MW-14	10-MW-01	
	09-MW-11-01	09-MW-12-01	09-MW-14-01	09-MW-14-01	10-MW-01-02	
A403 - Alkalinity (mg/L)						
Alkalinity		928				
E120.1 - Specific Conductance (umhos/cm)	()	904	()	660	()	690
Conductivity	()	569	()	441	()	703
E150.1 - pH, Electrometric (pH units)	()	6.9	()	6.6	()	6.5
pH	()	3.2	()	2.5	()	4.3
E170.1 - Temperature (deg. C)						
Temperature	()		()		()	

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	11	12	12	
	11-MW-02	12-MW-01	12-MW-02	
	11-MW-02-01	12-MW-01-01	12-MW-02-01	

A403 - Alkalinity (mg/L)				
Alkalinity	740			
E120.1 - Specific Conductance (umhos/cm)				
Conductivity	1507			
E150.1 - pH, Electrometric (pH units)				
pH	6.7			
E170.1 - Temperature (deg. C)				
Temperature	4.7			
	()	()	()	()
	[]	[]	[]	[]
	492	504		
	()	()	()	()
	[]	[]	[]	[]
	975	971		
	()	()	()	()
	[]	[]	[]	[]
	6.8	6.7		
	()	()	()	()
	[]	[]	[]	[]
	2.3	3.9		
	()	()	()	()

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-DS-07 Dup of 01-MW-02-01	01-MW-03-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,1,1-Trichloroethane	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)
1,1,2,2-Tetrachloroethane	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,1,2-Trichloroethane	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1-Dichloroethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
1,2,3-Trichloropropane	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
1,2-Dichlorobenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
1,2-Dichloroethane	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,2-Dichloropropane	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,3-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
1,4-Dichlorobenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
1-Chlorohexane	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)
2-Chloroethylvinylether	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)
Bromobenzene	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Bromodichloromethane	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Bromoform	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Carbon tetrachloride	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Chlorobenzene	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
Chloroethane	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
Chloroform	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
Chloromethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Dibromomethane	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Methylene chloride	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Tetrachloroethene	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trichloroethene	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichlorofluoromethane	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)
Vinyl chloride	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	01		01		01		01		01	
	01-MW-01	01-MW-02	01-MW-02	01-MW-02	01-MW-02	01-MW-02	01-MW-02	01-MW-02	01-MW-03	01-MW-03-01
	01-MW-01-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)										
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)										
Diesel Range Organics (2)	390	(210)	[1.06]	ND	(210)	[1.05]	ND	(200)	[1.02]	ND
SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND	(0.8)	[2]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND
1,3-Dichlorobenzene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
1,4-Dichlorobenzene	ND	(0.8)	[2]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND
Benzene	38	(0.6)	[2]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Chlorobenzene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Ethylbenzene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Gasoline Range Organics (2)	ND	(200)	[2]	ND	(100)	[1]	ND	(100)	[1]	ND
Toluene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Total xylenes	ND	(0.6)	[2]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.020408]	ND
4,4'-DDE	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.020408]	ND
4,4'-DDT	ND	(0.02)	[0.990099]	0.016 KJ	(0.021)	[1.030927]	0.0004 PJB	(0.02)	[1.020408]	0.011 KJ
Aldrin	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.020408]	ND
Chlordane	ND	(0.05)	[0.990099]	ND	(0.052)	[1.030927]	ND	(0.051)	[1.020408]	ND
Dieldrin	0.0047 JB	(0.0099)	[0.990099]	0.012	(0.01)	[1.030927]	0.01	(0.01)	[1.020408]	0.0083 JB
Endosulfan I	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.020408]	0.0027 KJB
Endosulfan II	ND	(0.03)	[0.990099]	0.0003 KJB	(0.031)	[1.030927]	0.0008 KJB	(0.031)	[1.020408]	ND
Endosulfan Sulfate	0.011 JB	(0.05)	[0.990099]	ND	(0.052)	[1.030927]	ND	(0.051)	[1.020408]	0.011 KJB
Endrin	ND	(0.0099)	[0.990099]	0.018 B	(0.01)	[1.030927]	0.018 B	(0.01)	[1.020408]	ND

Compiled: 23 May 1995

() = Detection Limit [] = Factor

= Not Detected

NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	01	01	01-MW-02	01-MW-02	01-MW-02-01	01-MW-02-01
	01-MW-01	01-MW-02	01-MW-02	01-MW-02	01-MW-02-01	01-MW-02-01
	01-MW-01-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01
Phenanthrene	ND	ND	(0.64)	(0.67) [1.041666]	ND	(0.7) [1.086956]
Pyrene	ND	ND	(0.27)	(0.28) [1.041666]	ND	(0.29) [1.086956]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	01	01	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06	01-MW-06	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01	01-MW-06-01	01-MW-06-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]
				0.46		

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				01				01			
	LOCATION ID				01				01			
	SAMPLE ID				01				01			
	01-MW-03				01-MW-04				01-MW-05			
	01-DS-06 Dup of 01-MW-03-01				01-MW-04-01				01-MW-05-01			
	01-MW-06				01-MW-06-01				01-MW-06-01			
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	ND	(200)	[0.985]	980	(200)	[1]	ND	(210)	[1.04]	260	(200)	[1.02]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	420	(7.5)	[25]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]	1400 E	(100)	[1]
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	0.87	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	1.4	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.01)	[1.041666]	ND	(0.01)	[1.020408]	ND	(0.01)	[1]	ND	(0.01)	[1]
4,4'-DDE	ND	(0.01)	[1.041666]	ND	(0.01)	[1.020408]	ND	(0.01)	[1]	ND	(0.01)	[1]
4,4'-DDT	0.0087 KJB	(0.021)	[1.041666]	0.0086 KJB	(0.02)	[1.020408]	0.0005 PJB	(0.02)	[1]	ND	(0.02)	[1]
Aldrin	ND	(0.01)	[1.041666]	0.018 B	(0.01)	[1.020408]	ND	(0.01)	[1]	ND	(0.01)	[1]
Chlordane	ND	(0.052)	[1.041666]	ND	(0.051)	[1.020408]	ND	(0.05)	[1]	ND	(0.05)	[1]
Dieldrin	0.0088 J	(0.01)	[1.041666]	0.016	(0.01)	[1.020408]	0.0099 J	(0.01)	[1]	0.0068 KJB	(0.01)	[1]
Endosulfan I	0.0059 JB	(0.01)	[1.041666]	ND	(0.01)	[1.020408]	0.0047 KJB	(0.01)	[1]	ND	(0.01)	[1]
Endosulfan II	ND	(0.031)	[1.041666]	ND	(0.031)	[1.020408]	0.0003 KJB	(0.03)	[1]	0.0084 KJB	(0.03)	[1]
Endosulfan Sulfate	0.0063 KJB	(0.052)	[1.041666]	0.0097 JB	(0.051)	[1.020408]	0.0071 KJB	(0.05)	[1]	0.017 JB	(0.05)	[1]
Endrin	ND	(0.01)	[1.041666]	ND	(0.01)	[1.020408]	ND	(0.01)	[1]	ND	(0.01)	[1]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	01					01				
	01-MW-03 01-DS-06 Dup of 01-MW-03-01					01-MW-04 01-MW-05-01				
	LOCATION ID	01	01	01	01	01	01	01	01	01
	SAMPLE ID	01-MW-04	01-MW-05	01-MW-06	01-MW-06-01	01-MW-04	01-MW-05	01-MW-06	01-MW-06-01	01-MW-06-01
PARAMETER		01-MW-03	01-MW-04	01-MW-05	01-MW-06	01-MW-04	01-MW-05	01-MW-06	01-MW-06-01	01-MW-06-01
Endrin Aldehyde	0.0068 KJB	(0.021) [1.041666]	(0.02) [1.020408]	(0.02) [1.020408]	(0.02) [1.020408]	0.0083 KJB	0.0063 KJB	0.0023 KJB	(0.02)	(0.02)
Heptachlor	0.0084 KJB	(0.01) [1.041666]	(0.01) [1.020408]	(0.01) [1.020408]	(0.01) [1.020408]	0.0094 JB	0.004 KJB	ND	(0.01)	(0.01)
Heptachlor epoxide	ND	(0.01) [1.041666]	(0.01) [1.020408]	(0.01) [1.020408]	(0.01) [1.020408]	0.012 B	0.0035 JB	0.005 KJB	(0.01)	(0.01)
Methoxychlor	ND	(0.052) [1.041666]	(0.051) [1.020408]	(0.051) [1.020408]	(0.051) [1.020408]	ND	ND	ND	(0.05)	(0.05)
PCB-1016	ND	(0.1) [1.041666]	(0.1) [1.020408]	(0.1) [1.020408]	(0.1) [1.020408]	ND	ND	ND	(0.1)	(0.1)
PCB-1221	ND	(0.21) [1.041666]	(0.2) [1.020408]	(0.2) [1.020408]	(0.2) [1.020408]	ND	ND	ND	(0.2)	(0.2)
PCB-1232	ND	(0.21) [1.041666]	(0.2) [1.020408]	(0.2) [1.020408]	(0.2) [1.020408]	ND	ND	ND	(0.2)	(0.2)
PCB-1242	ND	(0.1) [1.041666]	(0.1) [1.020408]	(0.1) [1.020408]	(0.1) [1.020408]	ND	ND	ND	(0.1)	(0.1)
PCB-1248	ND	(0.1) [1.041666]	(0.1) [1.020408]	(0.1) [1.020408]	(0.1) [1.020408]	ND	ND	ND	(0.1)	(0.1)
PCB-1254	ND	(0.21) [1.041666]	(0.2) [1.020408]	(0.2) [1.020408]	(0.2) [1.020408]	ND	ND	ND	(0.2)	(0.2)
PCB-1260	ND	(0.21) [1.041666]	(0.2) [1.020408]	(0.2) [1.020408]	(0.2) [1.020408]	ND	ND	ND	(0.2)	(0.2)
Toxaphene	ND	(0.52) [1.041666]	(0.51) [1.020408]	(0.51) [1.020408]	(0.51) [1.020408]	ND	ND	ND	(0.5)	(0.5)
alpha-BHC	ND	(0.01) [1.041666]	(0.01) [1.020408]	(0.01) [1.020408]	(0.01) [1.020408]	0.031	ND	0.014 B	(0.01)	(0.01)
beta-BHC	ND	(0.01) [1.041666]	(0.01) [1.020408]	(0.01) [1.020408]	(0.01) [1.020408]	0.013	0.011	ND	(0.01)	(0.01)
delta-BHC	0.018 B	(0.01) [1.041666]	(0.01) [1.020408]	(0.01) [1.020408]	(0.01) [1.020408]	ND	0.017 B	ND	(0.01)	(0.01)
gamma-BHC	ND	(0.01) [1.041666]	(0.01) [1.020408]	(0.01) [1.020408]	(0.01) [1.020408]	ND	0.014 B	ND	(0.01)	(0.01)
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)										
Acenaphthene	ND	(1.8)	(1.9) [1.041666]	(1.9) [1.041666]	(1.9) [1.041666]	ND	ND	ND	(1.9)	(1.8)
Acenaphthylene	ND	(2.3)	(2.4) [1.041666]	(2.4) [1.041666]	(2.4) [1.041666]	ND	ND	ND	(2.4)	(2.3)
Anthracene	ND	(0.66)	(0.69) [1.041666]	(0.69) [1.041666]	(0.69) [1.041666]	ND	ND	ND	(0.69)	(0.66)
Benzo(a)anthracene	ND	(0.013)	(0.014) [1.041666]	(0.014) [1.041666]	(0.014) [1.041666]	ND	ND	ND	(0.014)	(0.013)
Benzo(a)pyrene	ND	(0.023)	(0.024) [1.041666]	(0.024) [1.041666]	(0.024) [1.041666]	ND	ND	ND	(0.024)	(0.023)
Benzo(b)fluoranthene	ND	(0.018)	(0.019) [1.041666]	(0.019) [1.041666]	(0.019) [1.041666]	ND	ND	ND	(0.019)	(0.018)
Benzo(g,h,i)perylene	ND	(0.076)	(0.079) [1.041666]	(0.079) [1.041666]	(0.079) [1.041666]	ND	ND	ND	(0.079)	(0.076)
Benzo(k)fluoranthene	ND	(0.017)	(0.018) [1.041666]	(0.018) [1.041666]	(0.018) [1.041666]	ND	ND	ND	(0.018)	(0.017)
Chrysene	ND	(0.15)	(0.16) [1.041666]	(0.16) [1.041666]	(0.16) [1.041666]	ND	ND	ND	(0.16)	(0.15)
Dibenzo(a,h)anthracene	ND	(0.03)	(0.031) [1.041666]	(0.031) [1.041666]	(0.031) [1.041666]	ND	ND	ND	(0.031)	(0.03)
Fluoranthene	ND	(0.21)	(0.22) [1.041666]	(0.22) [1.041666]	(0.22) [1.041666]	ND	ND	ND	(0.22)	(0.21)
Fluorene	ND	(0.21)	(0.22) [1.041666]	(0.22) [1.041666]	(0.22) [1.041666]	ND	ND	ND	(0.22)	(0.21)
Indeno(1,2,3-cd)pyrene	ND	(0.043)	(0.045) [1.041666]	(0.045) [1.041666]	(0.045) [1.041666]	ND	ND	ND	(0.045)	(0.043)
Naphthalene	ND	(1.8)	(1.9) [1.041666]	(1.9) [1.041666]	(1.9) [1.041666]	ND	ND	ND	(1.9)	(1.8)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor US = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01			02		
	LOCATION ID SAMPLE ID	01-SW-01	01-SW-02	02-GW-01	02-GW-02	02-GW-02-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		02					
	LOCATION ID SAMPLE ID	01-SW-01 01-SW-01-01	01-SW-02 01-SW-02-01	02-GW-01 02-GW-01-01	02-GW-02 02-GW-02-01			
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)								
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)								
Diesel Range Organics (2)	1200	(190)	[0.952]	1600	(190)	[0.952]	ND	(200)
SW8020 - Aromatic Volatile Organics (ug/L)								
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)
Toluene	ND	(0.2)	[1]	8.6	(0.2)	[1]	ND	(0.2)
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	0.0019 PJB	(0.0095)	[0.952380]	0.0021 PJB	(0.0095)	[0.952380]	ND	(0.01)
4,4'-DDE	0.0006 PJB	(0.0095)	[0.952380]	0.015	(0.0095)	[0.952380]	ND	(0.01)
4,4'-DDT	0.0006 PJB	(0.019)	[0.952380]	ND	(0.019)	[0.952380]	ND	(0.02)
Aldrin	ND	(0.0095)	[0.952380]	0.0038 PJB	(0.0095)	[0.952380]	ND	(0.01)
Chlordane	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	ND	(0.05)
Dieldrin	0.0068 JB	(0.0095)	[0.952380]	0.0071 JB	(0.0095)	[0.952380]	0.0079 KJB	(0.01)
Endosulfan I	ND	(0.0095)	[0.952380]	0.0022 KJB	(0.0095)	[0.952380]	ND	(0.01)
Endosulfan II	0.015 JB	(0.029)	[0.952380]	0.018 KJB	(0.029)	[0.952380]	0.0056 KJB	(0.03)
Endosulfan Sulfate	0.028 KJB	(0.048)	[0.952380]	0.044 KJ	(0.048)	[0.952380]	0.011 KJB	(0.05)
Endrin	ND	(0.0095)	[0.952380]	0.0085 KJB	(0.0095)	[0.952380]	ND	(0.01)

Compiled: 23 Mar 1995

() = Detection Limit

[] = Factor

= Not Detected

NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01			02		
	01-SW-01	01-SW-02	01-SW-02-01	02-GW-01	02-GW-02	02-GW-02-01
	01-SW-01-01	01-SW-02-01		02-GW-01-01		
Endrin Aldehyde	ND	(0.019) [0.952380]	ND	(0.019) [0.952380]	0.0049 KJB	(0.02) [0.995024]
Heptachlor	0.0021 KJB	(0.0095) [0.952380]	0.0034 JB	(0.0095) [0.952380]	ND	(0.01) [0.995024]
Heptachlor epoxide	0.056 B	(0.0095) [0.952380]	0.012 PB	(0.0095) [0.952380]	ND	(0.01) [0.995024]
Methoxychlor	0.023 KJ	(0.048) [0.952380]	0.0006 KJ	(0.048) [0.952380]	ND	(0.05) [0.995024]
PCB-1016	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1221	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1232	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1242	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1248	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1254	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1260	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
Toxaphene	ND	(0.48) [0.952380]	ND	(0.48) [0.952380]	ND	(0.5) [0.995024]
alpha-BHC	0.012 B	(0.0095) [0.952380]	0.02	(0.0095) [0.952380]	ND	(0.01) [0.995024]
beta-BHC	ND	(0.0095) [0.952380]	0.0009 PJB	(0.0095) [0.952380]	ND	(0.01) [0.995024]
delta-BHC	0.025	(0.0095) [0.952380]	0.039 P	(0.0095) [0.952380]	0.018 B	(0.01) [0.995024]
gamma-BHC	0.013 B	(0.0095) [0.952380]	0.016 B	(0.0095) [0.952380]	ND	(0.01) [0.995024]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	NA		NA		ND	(9.9) [0.990099]
1,2-Dichlorobenzene	NA		NA		ND	(9.9) [0.990099]
1,3-Dichlorobenzene	NA		NA		ND	(9.9) [0.990099]
1,4-Dichlorobenzene	NA		NA		ND	(9.9) [0.990099]
2,4,5-Trichlorophenol	NA		NA		ND	(9.9) [0.990099]
2,4,6-Trichlorophenol	NA		NA		ND	(9.9) [0.990099]
2,4-Dichlorophenol	NA		NA		ND	(9.9) [0.990099]
2,4-Dimethylphenol	NA		NA		ND	(9.9) [0.990099]
2,4-Dinitrophenol	NA		NA		ND	(50) [0.990099]
2,4-Dinitrotoluene	NA		NA		ND	(9.9) [0.990099]
2,6-Dinitrotoluene	NA		NA		ND	(9.9) [0.990099]
2-Chloronaphthalene	NA		NA		ND	(9.9) [0.990099]
2-Chlorophenol	NA		NA		ND	(9.9) [0.990099]
2-Methylnaphthalene	NA		NA		ND	(9.9) [0.990099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		01		02	
	LOCATION ID		01-SW-02		02-GW-02	
	SAMPLE ID		01-SW-01-01		02-GW-01-01	
2-Methylphenol(o-cresol)	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
2-Nitroaniline	NA	NA	ND	(50)	[1]	(50) [0.990099]
2-Nitrophenol	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
3,3'-Dichlorobenzidine	NA	NA	ND	(20)	[1]	(20) [0.990099]
3-Nitroaniline	NA	NA	ND	(50)	[1]	(50) [0.990099]
4,6-Dinitro-2-methylphenol	NA	NA	ND	(50)	[1]	(50) [0.990099]
4-Bromophenyl phenyl ether	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Chloro-3-methylphenol	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Chlorophenyl phenyl ether	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Methylphenol(p-cresol)	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Nitroaniline	NA	NA	ND	(50)	[1]	(50) [0.990099]
4-Nitrophenol	NA	NA	ND	(50)	[1]	(50) [0.990099]
Acenaphthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Acenaphthylene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Anthracene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(a)anthracene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(a)pyrene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(b)fluoranthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(g,h,i)perylene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(k)fluoranthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzoic acid	NA	NA	ND	(50)	[1]	(50) [0.990099]
Benzyl alcohol	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Butylbenzylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Chrysene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Di-n-octylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dibenz(a,h)anthracene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dibenzofuran	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dibutylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Diethylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dimethylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Fluoranthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01		02		02	
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	01-SW-01	01-SW-02	02-GW-01	02-GW-02	02-GW-01-01	02-GW-02-01
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01	02-GW-01-01	02-GW-02-01
Fluorene	NA	NA	ND	(10)	[1]	ND
Hexachlorobenzene	NA	NA	ND	(10)	[1]	ND
Hexachlorobutadiene	NA	NA	ND	(10)	[1]	ND
Hexachlorocyclopentadiene	NA	NA	ND	(10)	[1]	ND
Hexachloroethane	NA	NA	ND	(10)	[1]	ND
Indeno(1,2,3-cd)pyrene	NA	NA	ND	(10)	[1]	ND
Isophorone	NA	NA	ND	(10)	[1]	ND
N-Nitrosodiphenylamine	NA	NA	ND	(10)	[1]	ND
N-Nitrosodipropylamine	NA	NA	ND	(10)	[1]	ND
Naphthalene	NA	NA	ND	(10)	[1]	ND
Nitrobenzene	NA	NA	ND	(10)	[1]	ND
Pentachloropheno1	NA	NA	ND	(50)	[1]	ND
Phenanthrene	NA	NA	ND	(10)	[1]	ND
Pheno1	NA	NA	ND	(10)	[1]	ND
Pyrene	NA	NA	ND	(10)	[1]	ND
bis(2-Chloroethoxy)methane	NA	NA	ND	(10)	[1]	ND
bis(2-Chloroethyl) ether	NA	NA	ND	(10)	[1]	ND
bis(2-Chloroisopropyl) ether	NA	NA	ND	(10)	[1]	ND
bis(2-Ethylhexyl) phthalate	NA	NA	ND	(10)	[1]	ND
p-Chloroaniline	NA	NA	ND	(10)	[1]	ND
W8310 - Polynuclear Aromatic Hydrocarbons (ug/L)						
1.1 J	(1.7)	[0.952380]	(1.7)	[0.952380]		
Acenaphthene	ND	(2.2)	[0.952380]	(2.2)	[0.952380]	NA
Acenaphthylene	ND	(0.63)	[0.952380]	(0.63)	[0.952380]	NA
Anthracene	ND	(0.012)	[0.952380]	(0.012)	[0.952380]	NA
Benzo(a)anthracene	ND	(0.022)	[0.952380]	(0.022)	[0.952380]	NA
Benzo(a)pyrene	ND	(0.017)	[0.952380]	(0.017)	[0.952380]	NA
Benzo(b)fluoranthene	ND	(0.072)	[0.952380]	(0.072)	[0.952380]	NA
Benzo(g,h,i)perylene	0.0048 JB	(0.016)	[0.952380]	(0.016)	[0.952380]	NA
Benzo(k)fluoranthene	ND	(0.14)	[0.952380]	(0.14)	[0.952380]	NA
Chrysene	ND	(0.029)	[0.952380]	(0.029)	[0.952380]	NA
Dibenzo(a,h)anthracene	ND					NA

Compiled: 23 March 1995

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01		02	
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
Fluoranthene	ND	(0.2) [0.952380]	ND	(0.2) [0.952380]
Fluorene	ND	(0.2) [0.952380]	ND	(0.2) [0.952380]
Indeno(1,2,3-cd)pyrene	0.016 J	(0.041) [0.952380]	0.026 J	(0.041) [0.952380]
Naphthalene	ND	(1.7) [0.952380]	ND	(1.7) [0.952380]
Phenanthrene	ND	(0.61) [0.952380]	ND	(0.61) [0.952380]
Pyrene	ND	(0.26) [0.952380]	0.22 J	(0.26) [0.952380]
			NA	NA
			NA	NA
			NA	NA
			NA	NA
			NA	NA
			NA	NA

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	02	02	02	02	03	
	02-GW-03	02-GW-03	02-GW-03	02-GW-04	03-GW-01	
	02-GW-03-01	02-GW-03-01	02-GW-03-01	02-GW-04-01	03-GW-01-01	

SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	9.8	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor un = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	02	02	02	02	03	
	02-GW-03	02-GW-03	02-GW-04	02-GW-01	03-GW-01	
	02-GW-03-01	02-GW-03 Dup of 02-GW-03-01	02-GW-04-01	02-GW-01-01	03-GW-01-01	
Endrin Aldehyde	0.0041 JB	(0.022) [1.098901]	0.0036 JB	(0.021) [1.030927]	ND	(0.02) [0.990099]
Heptachlor	ND	(0.011) [1.098901]	ND	(0.01) [1.030927]	ND	(0.0099) [0.990099]
Heptachlor epoxide	ND	(0.011) [1.098901]	ND	(0.01) [1.030927]	ND	(0.0099) [0.990099]
Methoxychlor	ND	(0.055) [1.098901]	ND	(0.052) [1.030927]	ND	(0.05) [0.990099]
PCB-1016	ND	(0.11) [1.098901]	ND	(0.1) [1.030927]	ND	(0.099) [0.990099]
PCB-1221	ND	(0.22) [1.098901]	ND	(0.21) [1.030927]	ND	(0.2) [0.990099]
PCB-1232	ND	(0.22) [1.098901]	ND	(0.21) [1.030927]	ND	(0.2) [0.990099]
PCB-1242	ND	(0.11) [1.098901]	ND	(0.1) [1.030927]	ND	(0.099) [0.990099]
PCB-1248	ND	(0.11) [1.098901]	ND	(0.1) [1.030927]	ND	(0.099) [0.990099]
PCB-1254	ND	(0.22) [1.098901]	ND	(0.21) [1.030927]	ND	(0.2) [0.990099]
PCB-1260	ND	(0.22) [1.098901]	ND	(0.21) [1.030927]	ND	(0.2) [0.990099]
Toxaphene	ND	(0.55) [1.098901]	ND	(0.52) [1.030927]	ND	(0.5) [0.990099]
alpha-BHC	ND	(0.011) [1.098901]	ND	(0.01) [1.030927]	ND	(0.0099) [0.990099]
beta-BHC	ND	(0.011) [1.098901]	0.0002 KJB	(0.01) [1.030927]	0.017 P	(0.0099) [0.990099]
delta-BHC	0.016 B	(0.011) [1.098901]	ND	(0.01) [1.030927]	0.061 P	(0.0099) [0.990099]
gamma-BHC	ND	(0.011) [1.098901]	ND	(0.01) [1.030927]	ND	(0.0099) [0.990099]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
1,2-Dichlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
1,3-Dichlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
1,4-Dichlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2,4,5-Trichlorophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2,4,6-Trichlorophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2,4-Dichlorophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2,4-Dimethylphenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2,4-Dinitrophenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
2,4-Dinitrotoluene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2,6-Dinitrotoluene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2-Chloronaphthalene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2-Chlorophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2-Methylnaphthalene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	02		02		03	
	02-GW-03	02-GW-03-01	02-GW-03	02-GW-04	03-GW-01	03-GW-01-01
			02-DS-01 Dup of 02-GW-03-01	02-GW-04-01		
2-Methylphenol (o-cresol)	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
2-Nitrophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
3,3'-Dichlorobenzidine	ND	(22) [1.086956]	ND	(21) [1.041666]	ND	(19) [0.970873]
3-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
4,6-Dinitro-2-methylphenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
4-Bromophenyl phenyl ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Chloro-3-methylphenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Chlorophenyl phenyl ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Methylphenol (p-cresol)	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
4-Nitrophenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
Acenaphthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Acenaphthylene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(a)anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(a)pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(b)fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(g,h,i)perylene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(k)fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzoic acid	1.7 J	(54) [1.086956]	1 J	(52) [1.041666]	ND	(49) [0.970873]
Benzyl alcohol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Butylbenzylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Chrysene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Di-n-octylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dibenz(a,h)anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dibenzofuran	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dibutylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Diethylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dimethylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	02	02	02	02	02	03
	02-GW-03	02-GW-03	02-GW-03	02-GW-04	02-GW-04	03-GW-01
	02-GW-03-01	02-GW-03-01	02-GW-03-01	02-GW-04-01	02-GW-04-01	03-GW-01-01
Fluorene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorobutadiene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorocyclopentadiene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachloroethane	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Indeno(1,2,3-cd)pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Isophorone	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
N-Nitrosodiphenylamine	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
N-Nitrosodipropylamine	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Naphthalene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Nitrobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Pentachlorophenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
Phenanthrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Phenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroethoxy)methane	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroethyl) ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroisopropyl) ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Ethylhexyl) phthalate	1.9 JB	(11) [1.086956]	37	(10) [1.041666]	ND	(9.7) [0.970873]
p-Chloroaniline	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	03		03		03		03		03	
	03-GW-02	03-GW-02-01	03-GW-03	03-GW-03-01	03-GW-03	03-GW-03-01	03-GW-03	03-GW-03-01	03-GW-04	03-GW-04-01
LOCATION ID	SAMPLE ID									
PARAMETER	03-GW-02	03-GW-02-01	03-GW-03	03-GW-03-01	03-GW-03	03-GW-03-01	03-GW-03	03-GW-03-01	03-GW-04	03-GW-04-01
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	1.4
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	0.97
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]	ND
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	03	03	03	03
	03-GW-02	03-GW-03	03-GW-03	03-GW-04
	03-GW-02-01	03-GW-03-01	03-GW-03-01	03-GW-04-01
<hr/>				
cis-1,3-Dichloropropene	ND	(0.2)	[1]	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	[1]
Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	[1]	[1]
Ethyl ether	ND	(10000)	[1]	[1]
Methyl ethyl ketone	ND	(3000)	[1]	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	[1]
Nonhalogenated Volatile Organics (ug/L)				
Diethyl sebacate	ND	(200)	[1]	[1]
Diesel Range Organics (2)				
1,2-Dichlorobenzene	ND	(0.4)	[1]	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	[1]
Benzene	ND	(0.3)	[1]	[1]
Chlorobenzene	ND	(0.2)	[1]	[1]
Ethylbenzene	ND	(0.2)	[1]	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	[1]
Toluene	ND	(0.2)	[1]	[1]
Total xylenes	ND	(0.3)	[1]	[1]
Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.0099)	[0.990099]	[0.990099]
4,4'-DDE	ND	(0.0099)	[0.990099]	[0.990099]
4,4'-DDT	ND	(0.02)	[0.990099]	[0.990099]
Aldrin	ND	(0.0099)	[0.990099]	[0.990099]
Chlordane	ND	(0.05)	[0.990099]	[0.990099]
Dieldrin	ND	(0.0099)	[0.990099]	[0.990099]
Endosulfan I	ND	(0.0099)	[0.990099]	[0.990099]
Endosulfan II	ND	(0.03)	[0.990099]	[0.990099]
Endosulfan Sulfate	0.029 KJB	(0.05)	[0.990099]	[0.990099]
Endrin	ND	(0.0099)	[0.990099]	[0.990099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	03				03				03			
	03-GW-02		03-GW-03		03-GW-03		03-GW-03		03-GW-04		03-GW-04	
	03-GW-02-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-04-01	03-GW-04-01	03-GW-04-01
Endrin Aldehyde	0.0056 KJB	(0.02)	[0.990099]	0.0092 KJB	(0.021)	[1.030927]	0.01 KJB	(0.021)	[1.030927]	ND	(0.022)	[1.086956]
Heptachlor	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.030927]	ND	(0.011)	[1.086956]
Heptachlor epoxide	ND	(0.0099)	[0.990099]	0.016 B	(0.01)	[1.030927]	0.015 B	(0.01)	[1.030927]	ND	(0.011)	[1.086956]
Methoxychlor	ND	(0.05)	[0.990099]	ND	(0.052)	[1.030927]	ND	(0.052)	[1.030927]	ND	(0.054)	[1.086956]
PCB-1016	ND	(0.099)	[0.990099]	ND	(0.1)	[1.030927]	ND	(0.1)	[1.030927]	ND	(0.11)	[1.086956]
PCB-1221	ND	(0.2)	[0.990099]	ND	(0.21)	[1.030927]	ND	(0.21)	[1.030927]	ND	(0.22)	[1.086956]
PCB-1232	ND	(0.2)	[0.990099]	ND	(0.21)	[1.030927]	ND	(0.21)	[1.030927]	ND	(0.22)	[1.086956]
PCB-1242	ND	(0.099)	[0.990099]	ND	(0.1)	[1.030927]	ND	(0.1)	[1.030927]	ND	(0.11)	[1.086956]
PCB-1248	ND	(0.099)	[0.990099]	ND	(0.1)	[1.030927]	ND	(0.1)	[1.030927]	ND	(0.11)	[1.086956]
PCB-1254	ND	(0.2)	[0.990099]	ND	(0.21)	[1.030927]	ND	(0.21)	[1.030927]	ND	(0.22)	[1.086956]
PCB-1260	ND	(0.2)	[0.990099]	ND	(0.21)	[1.030927]	ND	(0.21)	[1.030927]	ND	(0.22)	[1.086956]
Toxaphene	ND	(0.5)	[0.990099]	ND	(0.52)	[1.030927]	ND	(0.52)	[1.030927]	ND	(0.54)	[1.086956]
alpha-BHC	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.030927]	ND	(0.011)	[1.086956]
beta-BHC	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	0.0028 KJB	(0.01)	[1.030927]	ND	(0.011)	[1.086956]
delta-BHC	0.019 PB	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	ND	(0.01)	[1.030927]	ND	(0.011)	[1.086956]
gamma-BHC	0.01 B	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	0.0092 KJB	(0.01)	[1.030927]	ND	(0.011)	[1.086956]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
1,2-Dichlorobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
1,3-Dichlorobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
1,4-Dichlorobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2,4,5-Trichlorophenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2,4,6-Trichlorophenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2,4-Dichlorophenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2,4-Dimethylphenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2,4-Dinitrophenol	ND	(50)	[1]	ND	(50)	[1]	ND	(54)	[1.075268]	ND	(53)	[1.052631]
2,4-Dinitrotoluene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2,6-Dinitrotoluene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2-Chloronaphthalene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2-Chlorophenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]
2-Methylnaphthalene	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]	ND	(11)	[1.052631]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				03				03			
	LOCATION ID				03-GW-02				03-GW-03			
	SAMPLE ID				03-GW-02-01				03-GW-03-01			
2-Methylphenol (o-cresol)	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
2-Nitroaniline	ND	(50)	[1]	ND	(50)	[1]	ND	(50)	[1]	ND	(54)	[1.075268]
2-Nitrophenol	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
3,3'-Dichlorobenzidine	ND	(20)	[1]	ND	(20)	[1]	ND	(20)	[1]	ND	(22)	[1.075268]
3-Nitroaniline	ND	(50)	[1]	ND	(50)	[1]	ND	(50)	[1]	ND	(54)	[1.075268]
4,6-Dinitro-2-methylphenol	ND	(50)	[1]	ND	(50)	[1]	ND	(50)	[1]	ND	(54)	[1.075268]
4-Bromophenyl phenyl ether	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
4-Chloro-3-methylphenol	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
4-Chlorophenyl phenyl ether	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
4-Methylphenol (p-cresol)	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
4-Nitroaniline	ND	(50)	[1]	ND	(50)	[1]	ND	(50)	[1]	ND	(54)	[1.075268]
4-Nitrophenol	ND	(50)	[1]	ND	(50)	[1]	ND	(50)	[1]	ND	(54)	[1.075268]
Acenaphthene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Acenaphthylene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Anthracene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Benzo(a)anthracene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Benzo(a)pyrene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Benzo(b)fluoranthene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Benzo(g,h,i)perylene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Benzo(k)fluoranthene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Benzoic acid	ND	(50)	[1]	ND	(50)	[1]	ND	(50)	[1]	0.88 J	(54)	[1.075268]
Benzyl alcohol	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Butylbenzylphthalate	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Chrysene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Di-n-octylphthalate	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Dibenz(a,h)anthracene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Dibenzofuran	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Dibutylphthalate	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Diethylphthalate	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Dimethylphthalate	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]
Fluoranthene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(11)	[1.075268]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	03	03	03	03	03	03	03	03
	03-GW-02	03-GW-03	03-GW-03	03-GW-03	03-GW-03	03-GW-03	03-GW-04	03-GW-04
	03-GW-02-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-04-01	03-GW-04-01
Fluorene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachlorobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachlorobutadiene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachlorocyclopentadiene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachloroethane	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Indeno(1,2,3-cd)pyrene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Isophorone	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
N-Nitrosodiphenylamine	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
N-Nitrosodipropylamine	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Naphthalene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Nitrobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Pentachlorophenol	ND	(50)	[1]	ND	(50)	[1]	ND	(54) [1.075268]
Phenanthrene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Phenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Pyrene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Chloroethoxy)methane	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Chloroethyl)ether	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Chloroisopropyl)ether	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Ethylhexyl)phthalate	ND	(10)	[1]	ND	(10)	[1]	41	(11) [1.075268]
p-Chloroaniline	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]

TABLE A2

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-SW-01-01
			04-DS-06 Dup of 04-MW-03-01	
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND (0.2) [1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND (0.25) [1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND (0.15) [1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	[1]	ND (2000) [1]
Ethyl ether	ND	(10000)	[1]	ND (10000) [1]
Methyl ethyl ketone	ND	(3000)	[1]	ND (3000) [1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND (2000) [1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)				
Diesel Range Organics (2)	ND	(190)	[0.952]	ND (200) [0.976]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND (0.4) [1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND (0.2) [1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND (0.4) [1]
Benzene	ND	(0.3)	[1]	ND (0.3) [1]
Chlorobenzene	ND	(0.2)	[1]	ND (0.2) [1]
Ethylbenzene	ND	(0.2)	[1]	ND (0.2) [1]
Gasoline Range Organics (2)	120	(100)	[1]	ND (100) [1]
Toluene	ND	(0.2)	[1]	0.25 B (0.2) [1]
Total xylenes	ND	(0.3)	[1]	ND (0.3) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.011)	[1.098901]	ND (0.01) [1.041666] [1]
4,4'-DDE	ND	(0.011)	[1.098901]	ND (0.01) [1.041666] [1]
4,4'-DDT	ND	(0.022)	[1.098901]	0.012 PB (0.01) [1]
Aldrin	ND	(0.011)	[1.098901]	0.0009 PJB (0.02) [1]
Chlordane	ND	(0.055)	[1.098901]	ND (0.01) [1]
Dieldrin	0.0073 KJB	(0.011)	[1.098901]	ND (0.05) [1]
Endosulfan I	ND	(0.011)	[1.098901]	0.0086 J (0.01) [1]
Endosulfan II	0.0097 KJB	(0.033)	[1.098901]	ND (0.01) [1]
Endosulfan Sulfate	0.012 JB	(0.055)	[1.098901]	0.028 JB (0.03) [1]
Endrin	ND	(0.011)	[1.098901]	ND (0.05) [1]
				ND (0.01) [1]

Compiled: 23 May 1995

() = Detection Limit [] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-SW-01-01
Endrin Aldehyde	0.0033 KJB (0.022) [1.098901]	0.0035 KJB (0.021) [1.041666]	NA	0.0064 KJB (0.02) [1]
Heptachlor	0.0064 KJB (0.011) [1.098901]	ND (0.01) [1.041666]	NA	0.0028 KJB (0.01) [1]
Heptachlor epoxide	ND (0.011) [1.098901]	ND (0.01) [1.041666]	NA	0.0033 JB (0.01) [1]
Methoxychlor	ND (0.055) [1.098901]	0.018 KJ (0.052) [1.041666]	NA	ND (0.05) [1]
PCB-1016	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]
PCB-1221	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
PCB-1232	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
PCB-1242	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]
PCB-1248	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]
PCB-1254	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
PCB-1260	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
Toxaphene	ND (0.55) [1.098901]	ND (0.52) [1.041666]	NA	ND (0.5) [1]
alpha-BHC	0.0073 JB (0.011) [1.098901]	0.014 B (0.01) [1.041666]	NA	0.015 B (0.01) [1]
beta-BHC	ND (0.011) [1.098901]	0.023 (0.01) [1.041666]	NA	ND (0.01) [1]
delta-BHC	ND (0.011) [1.098901]	0.019 B (0.01) [1.041666]	NA	ND (0.01) [1]
gamma-BHC	ND (0.011) [1.098901]	0.0086 KJB (0.01) [1.041666]	NA	0.004 PJB (0.01) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
1,2-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
1,3-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
1,4-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4,5-Trichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4,6-Trichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4-Dichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4-Dimethylphenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4-Dinitrophenol	ND (52) [1.030927]	ND (52) [1.036269]	NA	ND (47) [0.943396]
2,4-Dinitrotoluene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,6-Dinitrotoluene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2-Chloronaphthalene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2-Chlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2-Methylnaphthalene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				04			
	LOCATION ID				04			
	SAMPLE ID				04			
	04-MW-02	04-MW-03	04-MW-01	04-MW-03	04-MW-03	04-MW-03	04-MW-03	04-MW-03
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-MW-03-01
2-Methylphenol(o-cresol)	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
2-Nitroaniline	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]	ND	(47) [0.943396]
2-Nitrophenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
3,3'-Dichlorobenzidine	ND	(21) [1.030927]	ND	(21) [1.036269]	NA	(19) [0.943396]	ND	(19) [0.943396]
3-Nitroaniline	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]	ND	(47) [0.943396]
4,6-Dinitro-2-methylphenol	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]	ND	(47) [0.943396]
4-Bromophenyl phenyl ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
4-Chloro-3-methylphenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
4-Chlorophenyl phenyl ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
4-Methylphenol(p-cresol)	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
4-Nitroaniline	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]	ND	(47) [0.943396]
4-Nitrophenol	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]	ND	(47) [0.943396]
Acenaphthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Acenaphthylene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Anthracene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Benzo(a)anthracene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Benzo(a)pyrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Benzo(b)fluoranthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Benzo(g,h,i)perylene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Benzo(k)fluoranthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Benzoic acid	ND	(52) [1.030927]	5.6 J	(52) [1.036269]	NA	(47) [0.943396]	3 J	(47) [0.943396]
Benzyl alcohol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Butylbenzylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Chrysene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Di-n-octylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Dibenz(a,h)anthracene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Dibenzofuran	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Dibutylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Diethylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Dimethylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]
Fluoranthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]	ND	(9.4) [0.943396]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-03-01	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01			04-MW-03	04-MW-03	04-SW-01-01
					04-DS-06 Dup of 04-MW-03-01	
Fluorene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Hexachlorobenzene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Hexachlorobutadiene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Hexachlorocyclopentadiene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Hexachloroethane	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Isophorone	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
N-Nitrosodiphenylamine	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
N-Nitrosodipropylamine	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Naphthalene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Nitrobenzene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Pentachlorophenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Phenanthrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Phenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
Pyrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
bis(2-Chloroethoxy)methane	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
bis(2-Chloroethyl)ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
bis(2-Chloroisopropyl)ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
bis(2-Ethylhexyl)phthalate	6.5 JB	(10) [1.030927]	75	(10) [1.036269]	NA	0.82 JB (9.4) [0.943396]
p-Chloroaniline	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND (9.4) [0.943396]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)						
Acenaphthene	ND	(1.9) [1.052631]	ND	(1.8) [1.025641]	ND	ND (1.9) [1.052631]
Acenaphthylene	ND	(2.4) [1.052631]	ND	(2.4) [1.025641]	ND	ND (2.4) [1.052631]
Anthracene	ND	(0.69) [1.052631]	ND	(0.68) [1.025641]	ND	ND (0.69) [1.052631]
Benzo(a)anthracene	ND	(0.014) [1.052631]	ND	(0.013) [1.025641]	ND	0.0086 J (0.014) [1.052631]
Benzo(a)pyrene	ND	(0.024) [1.052631]	ND	(0.024) [1.025641]	ND	0.012 J (0.024) [1.052631]
Benzo(b)fluoranthene	ND	(0.019) [1.052631]	ND	(0.018) [1.025641]	ND	ND (0.019) [1.052631]
Benzo(g,h,i)perylene	ND	(0.08) [1.052631]	ND	(0.078) [1.025641]	ND	0.025 J (0.08) [1.052631]
Benzo(k)fluoranthene	ND	(0.018) [1.052631]	ND	(0.017) [1.025641]	ND	0.01 J (0.018) [1.052631]
Chrysene	ND	(0.16) [1.052631]	ND	(0.15) [1.025641]	ND	ND (0.16) [1.052631]
Dibenzo(a,h)anthracene	ND	(0.032) [1.052631]	ND	(0.031) [1.025641]	ND	0.0095 JB (0.032) [1.052631]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-03	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-SW-01-01
				04-DS-06 Dup of 04-MW-03-01		
Fluoranthene	ND	(0.22) [1.052631]	ND	(0.22) [1.025641]	ND	(0.22) [1.052631]
Fluorene	ND	(0.22) [1.052631]	ND	(0.22) [1.025641]	ND	(0.22) [1.052631]
Indeno(1,2,3-cd)pyrene	ND	(0.045) [1.052631]	ND	(0.044) [1.025641]	ND	(0.045) [1.052631]
Naphthalene	ND	(1.9) [1.052631]	ND	(1.8) [1.025641]	ND	(1.9) [1.052631]
Phenanthrene	ND	(0.67) [1.052631]	ND	(0.66) [1.025641]	ND	(0.67) [1.052631]
Pyrene	ND	(0.28) [1.052631]	ND	(0.28) [1.025641]	ND	(0.28) [1.052631]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,1,1-Trichloroethane	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)
1,1,2,2-Tetrachloroethane	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,1,2-Trichloroethane	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1-Dichloroethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
1,2,3-Trichloropropane	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
1,2-Dichlorobenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
1,2-Dichloroethane	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,2-Dichloropropane	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,3-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
1,4-Dichlorobenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
1-Chlorohexane	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)
2-Chloroethylvinylether	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)
Bromobenzene	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Bromodichloromethane	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Bromoform	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Carbon tetrachloride	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Chlorobenzene	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
Chloroethane	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
Chloroform	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
Chloromethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Dibromomethane	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Methylene chloride	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Tetrachloroethene	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trichloroethene	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichlorofluoromethane	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)
Vinyl chloride	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				04				04			
	LOCATION ID				04-SW-02				04-SW-03			
	SAMPLE ID				04-SW-02-01				04-SW-03-01			
	04-DS-03 Dup of 04-SW-01-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-DS-03 Dup of 04-SW-01-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01				04-SW-02				04-SW-03			
	04-SW-01											

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	04				04				04			
	04-SW-01				04-SW-02				04-SW-03			
	04-DS-03 Dup of 04-SW-01-01				04-SW-02-01				04-SW-03-01			
Endrin Aldehyde	ND	(0.02)	[0.995024]	0.0076 KJB	(0.019)	[0.952380]	ND	(0.019)	[0.952380]	0.0083 KJB	(0.021)	[1.052631]
Heptachlor	0.0024 KJB	(0.01)	[0.995024]	0.0028 KJB	(0.0095)	[0.952380]	0.0014 PJB	(0.0095)	[0.952380]	0.0069 KJB	(0.011)	[1.052631]
Heptachlor epoxide	0.0054 JB	(0.01)	[0.995024]	0.01 PB	(0.0095)	[0.952380]	0.0048 JB	(0.0095)	[0.952380]	0.0093 PJB	(0.011)	[1.052631]
Methoxychlor	ND	(0.05)	[0.995024]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	ND	(0.053)	[1.052631]
PCB-1016	ND	(0.1)	[0.995024]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.11)	[1.052631]
PCB-1221	ND	(0.2)	[0.995024]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.21)	[1.052631]
PCB-1232	ND	(0.2)	[0.995024]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.21)	[1.052631]
PCB-1242	ND	(0.1)	[0.995024]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.11)	[1.052631]
PCB-1248	ND	(0.1)	[0.995024]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.11)	[1.052631]
PCB-1254	ND	(0.2)	[0.995024]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.21)	[1.052631]
PCB-1260	ND	(0.2)	[0.995024]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.21)	[1.052631]
Toxaphene	ND	(0.5)	[0.995024]	ND	(0.48)	[0.952380]	ND	(0.48)	[0.952380]	ND	(0.53)	[1.052631]
alpha-BHC	0.015 B	(0.01)	[0.995024]	ND	(0.0095)	[0.952380]	0.012 B	(0.0095)	[0.952380]	ND	(0.011)	[1.052631]
beta-BHC	0.0033 KJB	(0.01)	[0.995024]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.011)	[1.052631]
delta-BHC	ND	(0.01)	[0.995024]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	0.023	(0.011)	[1.052631]
gamma-BHC	0.0056 KJB	(0.01)	[0.995024]	0.014 B	(0.0095)	[0.952380]	0.0044 KJB	(0.0095)	[0.952380]	ND	(0.011)	[1.052631]
SW8270 - Semi-volatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
1,2-Dichlorobenzene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
1,3-Dichlorobenzene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
1,4-Dichlorobenzene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2,4,5-Trichlorophenol	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2,4,6-Trichlorophenol	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2,4-Dichlorophenol	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2,4-Dimethylphenol	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2,4-Dinitrophenol	ND	(47)	[0.943396]	ND	(52)	[1.030927]	ND	(47)	[0.943396]	ND	(47)	[0.943396]
2,4-Dinitrotoluene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2,6-Dinitrotoluene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2-Chloronaphthalene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2-Chlorophenol	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]
2-Methylnaphthalene	ND	(9.4)	[0.943396]	ND	(10)	[1.030927]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				
	04		04				
	04-SW-01	04-SW-02	04-SW-03	04-SW-04			
04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01	04-SW-04-01			
Fluorene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachlorobenzene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachlorobutadiene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachlorocyclopentadiene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachloroethane	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Indeno(1,2,3-cd)pyrene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Isophorone	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
N-Nitrosodiphenylamine	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
N-Nitrosodipropylamine	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Naphthalene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Nitrobenzene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Pentachloropheno1	ND	(47) [0.943396]	(52) [1.030927]	ND	(47) [0.943396]	ND	(47) [0.943396]
Phenanthrene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Phenol	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Pyrene	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Chloroethoxy)methane	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Chloroethyl) ether	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Chloroisopropyl) ether	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Ethylhexyl) phthalate	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	0.58 JB	(9.4) [0.943396]
p-Chloroaniline	ND	(9.4) [0.943396]	(10) [1.030927]	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)							
Acenaphthene	ND	(1.8) [0.975609]	(1.8) [0.985221]	ND	(1.7) [0.961538]	ND	(1.7) [0.952380]
Acenaphthylene	ND	(2.2) [0.975609]	(2.3) [0.985221]	ND	(2.2) [0.961538]	ND	(2.2) [0.952380]
Anthracene	ND	(0.64) [0.975609]	(0.65) [0.985221]	ND	(0.63) [0.961538]	ND	(0.63) [0.952380]
Benzo(a)anthracene	0.0085 J	(0.013) [0.975609]	(0.013) [0.985221]	0.0089 J	(0.012) [0.961538]	ND	(0.012) [0.952380]
Benzo(a)pyrene	0.011 J	(0.022) [0.975609]	(0.023) [0.985221]	0.01 J	(0.022) [0.961538]	ND	(0.022) [0.952380]
Benzo(b)fluoranthene	ND	(0.018) [0.975609]	(0.018) [0.985221]	ND	(0.017) [0.961538]	ND	(0.017) [0.952380]
Benzo(g,h,i)perylene	ND	(0.074) [0.975609]	(0.075) [0.985221]	ND	(0.073) [0.961538]	ND	(0.072) [0.952380]
Benzo(k)fluoranthene	0.0087 J	(0.017) [0.975609]	(0.017) [0.985221]	0.0089 J	(0.016) [0.961538]	0.0046 JB	(0.016) [0.952380]
Chrysene	ND	(0.15) [0.975609]	(0.15) [0.985221]	ND	(0.14) [0.961538]	ND	(0.14) [0.952380]
Dibenzo(a,h)anthracene	0.0094 JB	(0.029) [0.975609]	(0.03) [0.985221]	0.0094 JB	(0.029) [0.961538]	ND	(0.029) [0.952380]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	04	04	04	04	04	04
	04-SW-01	04-SW-02	04-SW-03	04-SW-04	04-SW-04	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01	04-SW-04-01	04-SW-04-01
Fluoranthene	ND	(0.2) [0.975609]	0.12 J	(0.21) [0.985221]	ND	(0.2) [0.952380]
Fluorene	ND	(0.2) [0.975609]	ND	(0.21) [0.985221]	ND	(0.2) [0.952380]
Indeno(1,2,3-cd)pyrene	ND	(0.042) [0.975609]	ND	(0.042) [0.985221]	ND	(0.041) [0.952380]
Naphthalene	ND	(1.8) [0.975609]	ND	(1.8) [0.985221]	ND	(1.7) [0.952380]
Phenanthrene	ND	(0.62) [0.975609]	0.17 J	(0.63) [0.985221]	ND	(0.61) [0.952380]
Pyrene	ND	(0.26) [0.975609]	ND	(0.27) [0.985221]	ND	(0.26) [0.952380]

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID
05-MW-01	05-MW-02	05-MW-03	05-MW-04	05-MW-01	05-MW-02	05-MW-03
05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01	05-MW-01-01	05-MW-02-01	05-MW-03-01

SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	1.5	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID		SAMPLE ID		05		05		05		05	
					05-MW-01		05-MW-02		05-MW-03		05-MW-04	
					05-MW-01-01		05-MW-02-01		05-MW-03-01		05-MW-04-01	
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	(0.15)	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]	ND	(2000)	[1]	ND
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	(10000)	[1]	ND	(10000)	[1]	ND
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	(3000)	[1]	ND	(3000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]	ND	(2000)	[1]	ND
SW8015MEWP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	870	(200)	[0.990]	ND	(200)	[0.980]	(200)	[0.980]	12000	(1900)	[9.71]	9500
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]	ND	(800)	[2000]	ND
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	ND	(400)	[2000]	ND
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]	ND	(800)	[2000]	ND
Benzene	24	(0.3)	[1]	10	(0.3)	[1]	(0.3)	[1]	36000	(600)	[2000]	45000
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	ND	(400)	[2000]	ND
Ethylbenzene	0.32	(0.2)	[1]	0.9	(0.2)	[1]	(0.2)	[1]	1400	(400)	[2000]	1300
Gasoline Range Organics (2)	560	(100)	[1]	110	(100)	[1]	(100)	[1]	270000	(200000)	[2000]	270000
Toluene	0.41 B	(0.2)	[1]	16	(0.2)	[1]	(0.2)	[1]	33000	(400)	[2000]	31000
Total xylenes	ND	(0.3)	[1]	2.4	(0.3)	[1]	(0.3)	[1]	4500	(600)	[2000]	4200
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	(0.0099)	[0.985221]	0.026 P	(0.01)	[1.010101]	ND
4,4'-DDE	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	(0.0099)	[0.985221]	0.021	(0.01)	[1.010101]	ND
4,4'-DDT	0.0088 JB	(0.02)	[0.990099]	ND	(0.02)	[0.985221]	(0.02)	[0.985221]	0.014 J	(0.02)	[1.010101]	0.01 JB
Aldrin	0.014 B	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	(0.0099)	[0.985221]	0.014 B	(0.01)	[1.010101]	0.023 P
Chlordane	ND	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	(0.049)	[0.985221]	ND	(0.051)	[1.010101]	ND
Dieldrin	0.0088 J	(0.0099)	[0.990099]	0.017	(0.0099)	[0.985221]	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	0.026
Endosulfan I	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	ND
Endosulfan II	0.0013 KJB	(0.03)	[0.990099]	ND	(0.03)	[0.985221]	(0.03)	[0.985221]	ND	(0.03)	[1.010101]	0.0016 KJB
Endosulfan Sulfate	0.0073 KJB	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	(0.049)	[0.985221]	ND	(0.051)	[1.010101]	0.011 KJB
Endrin	ND	(0.0099)	[0.990099]	0.023 B	(0.0099)	[0.985221]	(0.0099)	[0.985221]	0.026 B	(0.01)	[1.010101]	0.01 B

Compiled: 23 May 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	05 05-MW-01	05 05-MW-02	05 05-MW-03	05 05-MW-04	
	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01	
2-Methylphenol(o-cresol)	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
2-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	(50) [0.990099]	(50) [1.005025]
2-Nitrophenol	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
3,3'-Dichlorobenzidine	ND	(20) [1.015228]	(19) [0.970873]	(20) [0.990099]	(20) [1.005025]
3-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	(50) [0.990099]	(50) [1.005025]
4,6-Dinitro-2-methylphenol	ND	(51) [1.015228]	(49) [0.970873]	(50) [0.990099]	(50) [1.005025]
4-Bromophenyl phenyl ether	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
4-Chloro-3-methylphenol	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
4-Chlorophenyl phenyl ether	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
4-Methylphenol(p-cresol)	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
4-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	(50) [0.990099]	(50) [1.005025]
4-Nitrophenol	ND	(51) [1.015228]	(49) [0.970873]	(50) [0.990099]	(50) [1.005025]
Acenaphthene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Acenaphthylene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Benzo(a)anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Benzo(a)pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Benzo(b)fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Benzo(g,h,i)perylene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Benzo(k)fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Benzoic acid	ND	(51) [1.015228]	(49) [0.970873]	(990) [19.80198]	(25000) [502.5125]
Benzyl alcohol	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Butylbenzylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Chrysene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Di-n-octylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Dibenz(a,h)anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Dibenzofuran	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Dibutylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Diethylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Dimethylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]
Fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	(9.9) [0.990099]	(10) [1.005025]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-04
	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01
Fluorene	ND	(10) [1.015228]	(9.7) [0.970873]	1.3 J
Hexachlorobenzene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Hexachlorobutadiene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Hexachlorocyclopentadiene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Hexachloroethane	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Indeno(1,2,3-cd)pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Isophorone	ND	(10) [1.015228]	(9.7) [0.970873]	1.9 J
N-Nitrosodiphenylamine	ND	(10) [1.015228]	(9.7) [0.970873]	ND
N-Nitrosodipropylamine	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Naphthalene	ND	(10) [1.015228]	(9.7) [0.970873]	130
Nitrobenzene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Pentachloropheno1	ND	(51) [1.015228]	(49) [0.970873]	ND
Phenanthrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Pheno1	ND	(10) [1.015228]	(9.7) [0.970873]	21
Pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Chloroethoxy)methane	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Chloroethoxy) ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Chloroisopropoxy) ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Ethylhexyl)phthalate	0.88 JB	(10) [1.015228]	(9.7) [0.970873]	16 B
p-Chloroaniline	ND	(10) [1.015228]	(9.7) [0.970873]	ND

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID				05-MW-05				05-MW-06			
	SAMPLE ID				05-MW-05-01				05-MW-06-01			
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(5)	[2]	[2]	ND	(2.5)	[1]	ND	(5)	[2]	ND	(2.5)
1,1,1-Trichloroethane	ND	(1.1)	[2]	[2]	ND	(0.55)	[1]	ND	(1.1)	[2]	ND	(0.55)
1,1,2,2-Tetrachloroethane	ND	(0.6)	[2]	[2]	ND	(0.3)	[1]	ND	(0.6)	[2]	ND	(0.3)
1,1,2-Trichloroethane	ND	(0.4)	[2]	[2]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)
1,1-Dichloroethane	ND	(1)	[2]	[2]	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)
1,1-Dichloroethene	ND	(1.4)	[2]	[2]	ND	(0.7)	[1]	ND	(1.4)	[2]	ND	(0.7)
1,2,3-Trichloropropane	ND	(3.2)	[2]	[2]	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)
1,2-Dichlorobenzene	ND	(0.5)	[2]	[2]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)
1,2-Dichloroethane	ND	(0.3)	[2]	[2]	ND	(0.15)	[1]	37	(0.3)	[2]	ND	(0.15)
1,2-Dichloropropane	ND	(0.3)	[2]	[2]	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)
1,3-Dichlorobenzene	ND	(0.64)	[2]	[2]	ND	(0.32)	[1]	ND	(0.64)	[2]	ND	(0.32)
1,4-Dichlorobenzene	ND	(0.5)	[2]	[2]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)
1-Chlorohexane	ND	(6.8)	[2]	[2]	ND	(3.4)	[1]	ND	(6.8)	[2]	ND	(3.4)
2-Chloroethylvinylether	ND	(1.2)	[2]	[2]	ND	(0.6)	[1]	ND	(1.2)	[2]	ND	(0.6)
Bromobenzene	ND	(3.2)	[2]	[2]	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)
Bromodichloromethane	ND	(0.2)	[2]	[2]	ND	(0.1)	[1]	ND	(0.2)	[2]	ND	(0.1)
Bromoform	ND	(1)	[2]	[2]	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)
Bromomethane	ND	(0.7)	[2]	[2]	ND	(0.35)	[1]	ND	(0.7)	[2]	ND	(0.35)
Carbon tetrachloride	ND	(0.7)	[2]	[2]	ND	(0.35)	[1]	ND	(0.7)	[2]	ND	(0.35)
Chlorobenzene	ND	(0.6)	[2]	[2]	ND	(0.3)	[1]	ND	(0.6)	[2]	ND	(0.3)
Chloroethane	ND	(1.4)	[2]	[2]	ND	(0.7)	[1]	ND	(1.4)	[2]	ND	(0.7)
Chloroform	ND	(0.3)	[2]	[2]	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)
Chloromethane	ND	(1)	[2]	[2]	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)
Dibromochloromethane	ND	(0.4)	[2]	[2]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)
Dibromomethane	ND	(3.2)	[2]	[2]	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)
Methylene chloride	2.7 B	(0.8)	[2]	[2]	ND	(0.4)	[1]	ND	(0.8)	[2]	ND	(0.4)
Tetrachloroethene	ND	(0.2)	[2]	[2]	ND	(0.1)	[1]	ND	(0.2)	[2]	ND	(0.1)
Trichloroethene	ND	(0.4)	[2]	[2]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)
Trichlorofluoromethane	ND	(1.1)	[2]	[2]	ND	(0.55)	[1]	ND	(1.1)	[2]	ND	(0.55)
Vinyl chloride	ND	(0.5)	[2]	[2]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)

Compiled: 23 May 1995 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID		SAMPLE ID		05-MW-05		05-MW-06		05-MW-07		05-MW-08	
					05-MW-05-01		05-MW-06-01		05-MW-07-01		05-MW-08-01	
cis-1,3-Dichloropropene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.5)	[2]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.3)	[2]	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	11000	(2000)	[9.80]	ND	(200)	[0.985]	71000	(9800)	[48.8]	ND	(210)	[1.06]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	19000	(8000)	[20000]	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(8000)	[20000]	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]
Benzene	63000	(6000)	[20000]	ND	(0.3)	[1]	35000	(600)	[2000]	ND	(0.3)	[1]
Chlorobenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]
Ethylbenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	830	(400)	[2000]	ND	(0.2)	[1]
Gasoline Range Organics (2)	3000000	(2000000)	[20000]	ND	(100)	[1]	500000	(100000)	[1000]	ND	(100)	[1]
Toluene	160000	(4000)	[20000]	ND	(0.2)	[1]	31000	(400)	[2000]	ND	(0.2)	[1]
Total xylenes	270000	(6000)	[20000]	ND	(0.3)	[1]	4900	(600)	[2000]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	0.025	(0.0099)	[0.990099]	0.021 B	(0.0099)	[0.990099]	0.038	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
4,4'-DDE	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
4,4'-DDT	0.0007 PJB	(0.02)	[0.990099]	0.0009 PJB	(0.02)	[0.990099]	ND	(0.021)	[1.036269]	0.0081 KJB	(0.019)	[0.970873]
Aldrin	0.026	(0.0099)	[0.990099]	0.013 B	(0.0099)	[0.990099]	0.018 B	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
Chlordane	ND	(0.05)	[0.990099]	ND	(0.05)	[0.990099]	ND	(0.052)	[1.036269]	ND	(0.049)	[0.970873]
Dieldrin	0.0087 J	(0.0099)	[0.990099]	0.0095 J	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
Endosulfan I	ND	(0.0099)	[0.990099]	0.0089 KJB	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
Endosulfan II	0.0008 KJB	(0.03)	[0.990099]	ND	(0.03)	[0.990099]	0.018 KJB	(0.031)	[1.036269]	ND	(0.029)	[0.970873]
Endosulfan Sulfate	0.018 KJB	(0.05)	[0.990099]	0.0061 KJB	(0.05)	[0.990099]	0.028 JB	(0.052)	[1.036269]	0.016 KJB	(0.049)	[0.970873]
Endrin	ND	(0.0099)	[0.990099]	0.019 B	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	05				05				05				05			
	05-MW-05				05-MW-06				05-MW-07				05-MW-08			
	05-MW-05-01				05-MW-06-01				05-MW-07-01				05-MW-08-01			

Endrin Aldehyde	0.0089	KJB	(0.02)	[0.990099]	0.0054	JB	(0.02)	[0.990099]	0.0065	KJB	(0.021)	[1.036269]	0.0005	PJB	(0.019)	[0.970873]
Heptachlor	ND		(0.0099)	[0.990099]	0.0056	JB	(0.0099)	[0.990099]	0.0029	PJB	(0.01)	[1.036269]	0.0034	KJB	(0.0097)	[0.970873]
Heptachlor epoxide	0.023	PB	(0.0099)	[0.990099]	0.005	PJB	(0.0099)	[0.990099]	0.071	P	(0.01)	[1.036269]	0.0011	KJB	(0.0097)	[0.970873]
Methoxychlor	ND		(0.05)	[0.990099]	ND		(0.05)	[0.990099]	ND		(0.052)	[1.036269]	ND		(0.049)	[0.970873]
PCB-1016	ND		(0.099)	[0.990099]	ND		(0.099)	[0.990099]	ND		(0.1)	[1.036269]	ND		(0.097)	[0.970873]
PCB-1221	ND		(0.2)	[0.990099]	ND		(0.2)	[0.990099]	ND		(0.21)	[1.036269]	ND		(0.19)	[0.970873]
PCB-1232	ND		(0.2)	[0.990099]	ND		(0.2)	[0.990099]	ND		(0.21)	[1.036269]	ND		(0.19)	[0.970873]
PCB-1242	ND		(0.099)	[0.990099]	ND		(0.099)	[0.990099]	ND		(0.1)	[1.036269]	ND		(0.097)	[0.970873]
PCB-1248	ND		(0.099)	[0.990099]	ND		(0.099)	[0.990099]	ND		(0.1)	[1.036269]	ND		(0.097)	[0.970873]
PCB-1254	ND		(0.2)	[0.990099]	ND		(0.2)	[0.990099]	ND		(0.21)	[1.036269]	ND		(0.19)	[0.970873]
PCB-1260	ND		(0.2)	[0.990099]	ND		(0.2)	[0.990099]	ND		(0.21)	[1.036269]	ND		(0.19)	[0.970873]
Toxaphene	ND		(0.5)	[0.990099]	ND		(0.5)	[0.990099]	ND		(0.52)	[1.036269]	ND		(0.49)	[0.970873]
alpha-BHC	0.054		(0.0099)	[0.990099]	0.016		(0.0099)	[0.990099]	0.038		(0.01)	[1.036269]	ND		(0.0097)	[0.970873]
beta-BHC	0.072		(0.0099)	[0.990099]	0.011		(0.0099)	[0.990099]	0.11		(0.01)	[1.036269]	ND		(0.0097)	[0.970873]
delta-BHC	0.029		(0.0099)	[0.990099]	ND		(0.0099)	[0.990099]	ND		(0.01)	[1.036269]	ND		(0.0097)	[0.970873]
gamma-BHC	0.068		(0.0099)	[0.990099]	0.011	B	(0.0099)	[0.990099]	0.046		(0.01)	[1.036269]	ND		(0.0097)	[0.970873]
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
1,2-Dichlorobenzene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
1,3-Dichlorobenzene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
1,4-Dichlorobenzene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2,4,5-Trichlorophenol	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2,4,6-Trichlorophenol	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2,4-Dichlorophenol	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2,4-Dimethylphenol	61		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2,4-Dinitrophenol	ND		(49)	[0.980392]	ND		(50)	[1]	ND		(50)	[1]	ND		(52)	[1.030927]
2,4-Dinitrotoluene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2,6-Dinitrotoluene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2-Chloronaphthalene	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2-Chlorophenol	ND		(9.8)	[0.980392]	ND		(10)	[1]	ND		(10)	[1]	ND		(10)	[1.030927]
2-Methylnaphthalene	260		(49)	[4.901960]	ND		(10)	[1]	660		(100)	[10]	ND		(10)	[1.030927]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID	
	05 05-MW-05 05-MW-05-01	05 05-MW-06 05-MW-06-01	05 05-MW-07 05-MW-07-01	05 05-MW-08 05-MW-08-01	05 05-MW-07 05-MW-07-01	05 05-MW-08 05-MW-08-01	05 05-MW-07 05-MW-07-01	05 05-MW-08 05-MW-08-01
Fluorene	3.5 J	(9.8) [0.980392]	ND	(10) [1]	13	(10) [1]	ND	(10) [1.030927]
Hexachlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Hexachlorobutadiene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Hexachloroethane	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Isophorone	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Naphthalene	270	(49) [4.901960]	ND	(10) [1]	430	(100) [10]	ND	(10) [1.030927]
Nitrobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
Pentachloropheno1	ND	(49) [0.980392]	ND	(50) [1]	ND	(50) [1]	ND	(52) [1.030927]
Phenanthrene	1.2 J	(9.8) [0.980392]	ND	(10) [1]	1.7 J	(10) [1]	ND	(10) [1.030927]
Pheno1	330	(49) [4.901960]	ND	(10) [1]	380	(100) [10]	ND	(10) [1.030927]
Pyrene	ND	(9.8) [0.980392]	ND	(10) [1]	0.37 J	(10) [1]	ND	(10) [1.030927]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
bis(2-Chloroethyl) ether	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
bis(2-Chloroisopropyl) ether	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
bis(2-Ethylhexyl)phthalate	110	(9.8) [0.980392]	1.7 JB	(10) [1]	880	(100) [10]	1.6 JB	(10) [1.030927]
p-Chloroaniline	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

[illegible]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	05 05-MW-09 05-MW-09-01	05 05-MW-09 05-DS-08 Dup of 05-MW-09-01	05 05-MW-10 05-MW-10-01	05 05-MW-11 05-MW-11-01	
cis-1,3-Dichloropropene	ND	[1]	(0.2)	[1]	ND (0.2) [1]
trans-1,2-Dichloroethene	ND	[1]	(0.25)	[1]	ND (0.25) [1]
trans-1,3-Dichloropropene	ND	[1]	(0.15)	[1]	ND (0.15) [1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)					
Ethanol	ND	[1]	(2000)	[1]	ND (2000) [1]
Ethyl ether	ND	[1]	(10000)	[1]	ND (10000) [1]
Methyl ethyl ketone	ND	[1]	(3000)	[1]	ND (3000) [1]
Methyl isobutyl ketone	ND	[1]	(2000)	[1]	ND (2000) [1]
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)					
Diesel Range Organics (2)	ND	[0.976]	(200)	[1]	8100 (960) [4.81]
SW8020 - Aromatic Volatile Organics (ug/L)					
1,2-Dichlorobenzene	ND	[1]	(0.4)	[1]	ND (2000) [5000] [25]
1,3-Dichlorobenzene	ND	[1]	(0.2)	[1]	ND (1000) [5000] [25]
1,4-Dichlorobenzene	ND	[1]	(0.4)	[1]	ND (2000) [5000] [25]
Benzene	ND	[1]	(0.3)	[1]	54000 (1500) [5000] [25]
Chlorobenzene	ND	[1]	(0.2)	[1]	ND (1000) [5000] [25]
Ethylbenzene	ND	[1]	(0.2)	[1]	1800 (1000) [5000] [25]
Gasoline Range Organics (2)	ND	[1]	(100)	[1]	270000 (10000) [1000] [25]
Toluene	ND	[1]	(0.2)	[1]	48000 (1000) [5000] [25]
Total xylenes	ND	[1]	(0.3)	[1]	6700 (1500) [5000] [25]
SW8080 - Organochlorine Pesticides and PCBs					
4,4'-DDD	ND	[1.081081]	(0.011)	[1]	0.22 (0.01) [1] 0.0006 KJB (0.0098) [0.980392]
4,4'-DDE	ND	[1.081081]	(0.011)	[1]	0.27 (0.01) [1] ND (0.0098) [0.980392]
4,4'-DDT	0.014 KJ	[1.081081]	(0.022)	[1]	0.16 (0.02) [1] ND (0.02) [0.980392]
Aldrin	ND	[1.081081]	(0.011)	[1]	ND (0.01) [1] 0.0064 JB (0.0098) [0.980392]
Chlordane	ND	[1.081081]	(0.054)	[1]	ND (0.05) [1] ND (0.049) [0.980392]
Dieldrin	0.0092 KJ	[1.081081]	(0.011)	[1]	ND (0.01) [1] 0.0089 J (0.0098) [0.980392]
Endosulfan, I	ND	[1.081081]	(0.011)	[1]	0.0013 KJB (0.0098) [0.980392]
Endosulfan II	ND	[1.081081]	(0.032)	[1]	0.018 KJB (0.029) [0.980392]
Endosulfan Sulfate	0.017 KJB	[1.081081]	(0.054)	[1]	ND (0.049) [0.980392]
Endrin	ND	[1.081081]	(0.011)	[1]	0.0035 KJB (0.0098) [0.980392]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-09		05-MW-09		05-MW-10		05-MW-11		05-MW-11-01	
	05-MW-09-01	05-MW-09-01	05-MW-08 Dup of 05-MW-09-01	05-MW-09-01	05-MW-10-01	05-MW-10-01	05-MW-11-01	05-MW-11-01	05-MW-11-01	05-MW-11-01
Endrin Aldehyde	0.0068 JB	(0.022) [1.081081]	0.0022 KJB	(0.02) [1]	0.019 KJB	(0.02) [1]	0.0023 KJB	(0.02) [1]	0.0023 KJB	(0.02) [1]
Heptachlor	ND	(0.011) [1.081081]	ND	(0.01) [1]	0.01 PB	(0.01) [1]	ND	(0.01) [1]	ND	(0.0098) [0.980392]
Heptachlor epoxide	ND	(0.011) [1.081081]	0.0013 KJB	(0.01) [1]	0.078 P	(0.01) [1]	ND	(0.01) [1]	ND	(0.0098) [0.980392]
Methoxychlor	ND	(0.054) [1.081081]	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.049) [0.980392]
PCB-1016	ND	(0.11) [1.081081]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.098) [0.980392]
PCB-1221	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]
PCB-1232	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]
PCB-1242	ND	(0.11) [1.081081]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.098) [0.980392]
PCB-1248	ND	(0.11) [1.081081]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.098) [0.980392]
PCB-1254	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]
PCB-1260	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]
Toxaphene	ND	(0.54) [1.081081]	ND	(0.5) [1]	ND	(0.5) [1]	ND	(0.5) [1]	ND	(0.49) [0.980392]
alpha-BHC	ND	(0.011) [1.081081]	ND	(0.01) [1]	0.13	(0.01) [1]	0.016	(0.01) [1]	0.016	(0.0098) [0.980392]
beta-BHC	ND	(0.011) [1.081081]	ND	(0.01) [1]	0.14	(0.01) [1]	0.005 KJB	(0.01) [1]	0.005 KJB	(0.0098) [0.980392]
delta-BHC	ND	(0.011) [1.081081]	0.02 B	(0.01) [1]	0.12	(0.01) [1]	0.018 B	(0.01) [1]	0.018 B	(0.0098) [0.980392]
gamma-BHC	ND	(0.011) [1.081081]	0.027 B	(0.01) [1]	0.073	(0.01) [1]	0.0083 JB	(0.01) [1]	0.0083 JB	(0.0098) [0.980392]
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
1,2-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
1,3-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
1,4-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4,5-Trichlorophenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4,6-Trichlorophenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4-Dichlorophenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4-Dimethylphenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4-Dinitrophenol	ND	(49) [0.970873]	ND	(52) [1.041666]	ND	(420) [8.333332]	ND	(48) [0.956937]	ND	(48) [0.956937]
2,4-Dinitrotoluene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,6-Dinitrotoluene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2-Chloronaphthalene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2-Chlorophenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2-Methylnaphthalene	ND	(9.7) [0.970873]	1.1 J	(10) [1.041666]	1200	(210) [20.83333]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					05					05				
	LOCATION ID					05-MW-09					05-MW-10				
	SAMPLE ID					05-DS-08 Dup of 05-MW-09-01					05-MW-10-01				
	05-MW-09					05-MW-09-01					05-MW-11-01				
	05-MW-09-01					05-MW-09-01					05-MW-11-01				
2-Methylphenol(o-cresol)	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	1700	(83)	[8.333332]	ND	(9.6)	[0.956937]			
2-Nitroaniline	ND	(49)	[0.970873]	ND	(52)	[1.041666]	ND	(420)	[8.333332]	ND	(48)	[0.956937]			
2-Nitrophenol	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
3,3'-Dichlorobenzidine	ND	(19)	[0.970873]	ND	(21)	[1.041666]	ND	(170)	[8.333332]	ND	(19)	[0.956937]			
3-Nitroaniline	ND	(49)	[0.970873]	ND	(52)	[1.041666]	ND	(420)	[8.333332]	ND	(48)	[0.956937]			
4,6-Dinitro-2-methylphenol	ND	(49)	[0.970873]	ND	(52)	[1.041666]	ND	(420)	[8.333332]	ND	(48)	[0.956937]			
4-Bromophenyl phenyl ether	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
4-Chloro-3-methylphenol	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
4-Chlorophenyl phenyl ether	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
4-Methylphenol(p-cresol)	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	660	(83)	[8.333332]	ND	(9.6)	[0.956937]			
4-Nitroaniline	ND	(49)	[0.970873]	ND	(52)	[1.041666]	ND	(420)	[8.333332]	ND	(48)	[0.956937]			
4-Nitrophenol	ND	(49)	[0.970873]	ND	(52)	[1.041666]	ND	(420)	[8.333332]	ND	(48)	[0.956937]			
Acenaphthene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	350	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Acenaphthylene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Anthracene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	2.6 J	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Benzo(a)anthracene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Benzo(a)pyrene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Benzo(b)fluoranthene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Benzo(g,h,i)perylene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Benzo(k)fluoranthene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Benzoic acid	ND	(49)	[0.970873]	ND	(52)	[1.041666]	ND	(420)	[8.333332]	ND	(48)	[0.956937]			
Benzyl alcohol	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Butylbenzylphthalate	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Chrysene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Di-n-octylphthalate	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	22 J	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Dibenz(a,h)anthracene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Dibenzofuran	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	340	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Dibutylphthalate	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Diethylphthalate	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Dimethylphthalate	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	ND	(83)	[8.333332]	ND	(9.6)	[0.956937]			
Fluoranthene	ND	(9.7)	[0.970873]	ND	(10)	[1.041666]	6.6 J	(83)	[8.333332]	ND	(9.6)	[0.956937]			

Compiled: 23 May 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	05			05			05		
	05-MW-09			05-MW-09			05-MW-10		
	05-MW-09-01	05-DS-08 Dup of 05-MW-09-01		05-MW-09-01			05-MW-10-01		05-MW-11-01
	LOCATION ID	SITE ID	SAMPLE ID						
Fluorene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	260	(83) [8.333332]	ND	(9.6) [0.956937]	
Hexachlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Hexachlorobutadiene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Hexachlorocyclopentadiene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Hexachloroethane	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Indeno(1,2,3-cd)pyrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Isophorone	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
N-Nitrosodiphenylamine	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
N-Nitrosodipropylamine	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Naphthalene	ND	(9.7) [0.970873]	0.73 J	(10) [1.041666]	880	(210) [20.83333]	ND	(9.6) [0.956937]	
Nitrobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
Pentachloropheno1	ND	(49) [0.970873]	ND	(52) [1.041666]	ND	(420) [8.333332]	ND	(48) [0.956937]	
Phenanthrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	23 J	(83) [8.333332]	ND	(9.6) [0.956937]	
Pheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	1600	(83) [8.333332]	ND	(9.6) [0.956937]	
Pyrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	5.7 J	(83) [8.333332]	ND	(9.6) [0.956937]	
bis(2-Chloroethoxy)methane	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
bis(2-Chloroethyl) ether	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
bis(2-Chloroisopropyl) ether	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
bis(2-Ethylhexyl) phthalate	3.4 JB	(9.7) [0.970873]	1.8 JB	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	
-Chloroaniline	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	05-MW-12	05-MW-12-01	05-MW-12	05-SW-01	05-SW-02	05-SW-02-01
			05-DS-09 Dup of 05-MW-12-01	05-SW-01-01		
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	ND
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	ND
Bromoform	ND	(0.5)	[1]	ND	(0.5)	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	ND
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	ND
Chloroform	ND	(0.15)	[1]	ND	(0.15)	ND
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	ND
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	ND
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	ND

Compiled: 23 March 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID				05				05			
	SAMPLE ID				05-MW-12				05-SW-01			
					05-MW-12-01	05-MW-12	05-DS-09 Dup of 05-MW-12-01	05-SW-01-01	05-SW-02	05-SW-02-01		
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	910	(200)	[0.980]	11000	(1900)	[9.71]	ND	(200)	[1]	ND	(200)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	50000	(600)	[2000]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	1400	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	440000	(200000)	[2000]	ND	(100)	[1]	ND	(100)	[1]
Toluene	ND	(0.2)	[1]	37000	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	5000	(600)	[2000]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.0097)	[0.970873]	0.023 B	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]
4,4'-DDE	ND	(0.0097)	[0.970873]	0.027	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]
4,4'-DDT	ND	(0.019)	[0.970873]	0.016 J	(0.02)	[0.980392]	0.031	(0.02)	[0.995024]	0.001 PJB	(0.02)	[0.995024]
Aldrin	ND	(0.0097)	[0.970873]	0.024	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	0.0055 PJB	(0.01)	[0.995024]
Chlordane	ND	(0.049)	[0.970873]	ND	(0.049)	[0.980392]	ND	(0.05)	[0.995024]	ND	(0.05)	[0.995024]
Dieldrin	ND	(0.0097)	[0.970873]	0.0088 J	(0.0098)	[0.980392]	0.007 JB	(0.01)	[0.995024]	0.008 JB	(0.01)	[0.995024]
Endosulfan I	0.0049 KJB	(0.0097)	[0.970873]	ND	(0.0098)	[0.980392]	0.0069 KJB	(0.01)	[0.995024]	0.0053 KJB	(0.01)	[0.995024]
Endosulfan II	0.0022 KJB	(0.029)	[0.970873]	ND	(0.029)	[0.980392]	0.022 KJB	(0.03)	[0.995024]	0.02 JB	(0.03)	[0.995024]
Endosulfan Sulfate	ND	(0.049)	[0.970873]	0.0092 KJB	(0.049)	[0.980392]	ND	(0.05)	[0.995024]	0.044 KJ	(0.05)	[0.995024]
Endrin	ND	(0.0097)	[0.970873]	ND	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SITE ID						
LOCATION ID						
SAMPLE ID						
05						
05-MW-12						
05-SW-01						
05-SW-02						
05-SW-02-01						
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Compiled: 23 March 1995

() = Detection Limit ☐ = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-12		05-MW-12		05-MW-12		05-SW-01		05-SW-02	
	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-SW-01-01	05-SW-01-01	05-SW-02-01	05-SW-02-01
2-Methylphenol(o-cresol)	ND	(10) [1.020408]	170	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
2-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50)	ND	[1]
2-Nitrophenol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
3,3'-Dichlorobenzidine	ND	(20) [1.020408]	ND	(20) [0.990099]	ND	(20) [0.985221]	ND	(20)	ND	[1]
3-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50)	ND	[1]
4,6-Dinitro-2-methylphenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50)	ND	[1]
4-Bromophenyl phenyl ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
4-Chloro-3-methylphenol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
4-Chlorophenyl phenyl ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
4-Methylphenol(p-cresol)	ND	(10) [1.020408]	300	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
4-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50)	ND	[1]
4-Nitrophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50)	ND	[1]
Acenaphthene	ND	(10) [1.020408]	2.3 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Acenaphthylene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Benzo(a)anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Benzo(a)pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Benzo(b)fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Benzo(g,h,i)perylene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Benzo(k)fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Benzoic acid	ND	(51) [1.020408]	41 J	(50) [0.990099]	1.5 J	(49) [0.985221]	1.9 J	(50)	ND	[1]
Benzyl alcohol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Butylbenzylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Chrysene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Di-n-octylphthalate	ND	(10) [1.020408]	0.59 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Dibenz(a,h)anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Dibenzofuran	ND	(10) [1.020408]	7.7 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Dibutylphthalate	ND	(10) [1.020408]	0.53 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Diethylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Dimethylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]
Fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10)	ND	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	05	05	05	05	05
	05-MW-12	05-MW-12	05-MW-12	05-SW-01	05-SW-02
	05-MW-12-01	05-MW-12	05-MW-12	05-SW-01-01	05-SW-02-01
		05-DS-09 Dup of 05-MW-12-01			
Fluorene	ND	(10) [1.020408]	6.2 J	(9.9) [0.990099]	ND
Hexachlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Hexachlorobutadiene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Hexachlorocyclopentadiene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Hexachloroethane	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Indeno(1,2,3-cd)pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Isophorone	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
N-Nitrosodiphenylamine	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
N-Nitrosodipropylamine	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Naphthalene	ND	(10) [1.020408]	370	(50) [4.950495]	ND
Nitrobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
Pentachlorophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND
Phenanthrene	ND	(10) [1.020408]	1.1 J	(9.9) [0.990099]	ND
Phenol	ND	(10) [1.020408]	400	(50) [4.950495]	ND
Pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
bis(2-Chloroethoxy)methane	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
bis(2-Chloroethyl)ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
bis(2-Chloroisopropyl)ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND
bis(2-Ethylhexyl)phthalate	ND	(10) [1.020408]	200	(50) [4.950495]	1.2 JB
p-Chloroaniline	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	05	05	06	06
	05-SW-03	05-SW-03	06-MW-01	06-MW-02
	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-02-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	[1]	ND	[500]
1,1,1-Trichloroethane	ND	[1]	ND	[500]
1,1,2,2-Tetrachloroethane	ND	[1]	ND	[500]
1,1,2-Trichloroethane	ND	[1]	ND	[500]
1,1-Dichloroethane	ND	[1]	ND	[500]
1,1-Dichloroethene	ND	[1]	ND	[500]
1,2,3-Trichloropropane	ND	[1]	ND	[500]
1,2-Dichlorobenzene	ND	[1]	ND	[500]
1,2-Dichloroethane	ND	[1]	ND	[500]
1,2-Dichloropropane	ND	[1]	ND	[500]
1,3-Dichlorobenzene	ND	[1]	ND	[500]
1,4-Dichlorobenzene	ND	[1]	ND	[500]
1-Chlorohexane	ND	[1]	ND	[500]
2-Chloroethylvinylether	ND	[1]	ND	[500]
Bromobenzene	ND	[1]	ND	[500]
Bromodichloromethane	ND	[1]	ND	[500]
Bromoform	ND	[1]	ND	[500]
Bromomethane	ND	[1]	ND	[500]
Carbon tetrachloride	ND	[1]	ND	[500]
Chlorobenzene	ND	[1]	ND	[500]
Chloroethane	ND	[1]	ND	[500]
Chloroform	ND	[1]	ND	[500]
Chloromethane	ND	[1]	ND	[500]
Dibromochloromethane	ND	[1]	ND	[500]
Dibromomethane	ND	[1]	ND	[500]
Methylene chloride	ND	[1]	ND	[500]
Tetrachloroethene	ND	[1]	ND	[500]
Trichloroethene	ND	[1]	13000	[500]
Trichlorofluoromethane	ND	[1]	ND	[500]
Vinyl chloride	ND	[1]	ND	[500]

(Y) = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		06		06	
	05-SW-03 05-SW-03-01	05-SW-03 05-DS-07 Dup of 05-SW-03-01	06-MW-01 06-MW-01-01	06-MW-02 06-MW-02-01		
	LOCATION ID SAMPLE ID					
cis-1,3-Dichloropropene	ND (0.2)	[1]	ND (100)	[500]	ND (0.2)	[1]
trans-1,2-Dichloroethene	ND (0.25)	[1]	ND (120)	[500]	ND (0.25)	[1]
trans-1,3-Dichloropropene	ND (0.15)	[1]	ND (75)	[500]	ND (0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND (2000)	[1]	ND (2000)	[1]	ND (2000)	[1]
Ethyl ether	ND (10000)	[1]	ND (10000)	[1]	ND (10000)	[1]
Methyl ethyl ketone	ND (3000)	[1]	ND (3000)	[1]	ND (3000)	[1]
Methyl isobutyl ketone	ND (2000)	[1]	ND (2000)	[1]	ND (2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	ND (190)	[0.96]	ND (200)	[0.98]	ND (200)	[0.980]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND (0.4)	[1]	ND (0.4)	[1]	ND (0.4)	[1]
1,3-Dichlorobenzene	ND (0.2)	[1]	ND (0.2)	[1]	ND (0.2)	[1]
1,4-Dichlorobenzene	ND (0.4)	[1]	ND (0.4)	[1]	ND (0.4)	[1]
Benzene	ND (0.3)	[1]	ND (0.3)	[1]	ND (0.3)	[1]
Chlorobenzene	ND (0.2)	[1]	ND (0.2)	[1]	ND (0.2)	[1]
Ethylbenzene	ND (0.2)	[1]	ND (0.2)	[1]	ND (0.2)	[1]
Gasoline Range Organics (2)	ND (100)	[1]	ND (100)	[1]	ND (100)	[1]
Toluene	ND (0.2)	[1]	ND (0.2)	[1]	ND (0.2)	[1]
Total xylenes	ND (0.3)	[1]	ND (0.3)	[1]	ND (0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND (0.0095)	[0.952380]	ND (0.0095)	[0.952380]	0.11 (0.01)	[1]
4,4'-DDE	ND (0.0095)	[0.952380]	ND (0.0095)	[0.952380]	0.16 (0.01)	[1]
4,4'-DDT	0.003 PJB (0.019)	[0.952380]	0.0021 PJB (0.019)	[0.952380]	0.56 (0.02)	[1]
Aldrin	0.0046 PJB (0.0095)	[0.952380]	0.0051 PJB (0.0095)	[0.952380]	ND (0.01)	[1]
Chlordane	ND (0.048)	[0.952380]	ND (0.048)	[0.952380]	0.004 KJB (0.0097)	[1]
Dieldrin	0.0071 JB (0.0095)	[0.952380]	0.0073 JB (0.0095)	[0.952380]	ND (0.049)	[1]
Endosulfan I	0.0066 KJB (0.0095)	[0.952380]	0.0024 KJB (0.0095)	[0.952380]	ND (0.0097)	[1]
Endosulfan II	0.017 JB (0.029)	[0.952380]	0.018 JB (0.029)	[0.952380]	0.0022 KJB (0.0097)	[1]
Endosulfan Sulfate	0.043 KJ (0.048)	[0.952380]	0.033 KJB (0.048)	[0.952380]	ND (0.029)	[1]
Endrin	ND (0.0095)	[0.952380]	ND (0.0095)	[0.952380]	0.01 KJB (0.049)	[1]
					0.0025 PJB (0.0097)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	05	05	05	06	06	06	06	06
	05-SW-03	05-SW-03	05-SW-03	06-MW-01	06-MW-01	06-MW-02	06-MW-02	06-MW-02
	05-SW-03-01	05-SW-03-01	05-SW-03-01	05-SW-03-01	05-SW-03-01	06-MW-01-01	06-MW-01-01	06-MW-02-01
2-Methylphenol(o-cresol)	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
2-Nitroaniline	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
2-Nitrophenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
3,3'-Dichlorobenzidine	ND	(19) [0.956937]	ND	(19) [0.961538]	ND	(20) [0.980392]	ND	(20)
3-Nitroaniline	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
4,6-Dinitro-2-methylphenol	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
4-Bromophenyl phenyl ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Chloro-3-methylphenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Chlorophenyl phenyl ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Methylphenol(p-cresol)	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Nitroaniline	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
4-Nitrophenol	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
Acenaphthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Acenaphthylene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Anthracene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(a)anthracene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(a)pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(b)fluoranthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(g,h,i)perylene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(k)fluoranthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzoic acid	1.8 J	(48) [0.956937]	1.9 J	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
Benzyl alcohol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Butylbenzylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Chrysene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Di-n-octylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dibenz(a,h)anthracene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dibenzofuran	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Diethylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Diethylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dimethylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Fluoranthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		06	
	05-SW-03	05-SW-03-01	05-SW-03	05-SW-03-01	06-MW-01	06-MW-02
				05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-02-01
Fluorene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	ND
Hexachlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Hexachlorobutadiene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Hexachlorocyclopentadiene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Hexachloroethane	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Indeno(1,2,3-cd)pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Isophorone	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
N-Nitrosodiphenylamine	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
N-Nitrosodipropylamine	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Naphthalene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Nitrobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Pentachlorophenol	ND	(48) [0.956937]	ND	(48) [0.961538]	(49) [0.980392]	(50) [1]
Phenanthrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Phenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
Pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
bis(2-Chloroethoxy)methane	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
bis(2-Chloroethyl) ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
bis(2-Chloroisopropyl) ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]
bis(2-Ethylhexyl) phthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(100) [10]
p-Chloroaniline	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	(9.8) [0.980392]	(10) [1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-MW-03-01	06 06-MW-04 06-MW-04-01	06 06-MW-06 06-MW-06-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	ND
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	ND
Bromoform	ND	(0.5)	[1]	ND	(0.5)	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	ND
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	ND
Chloroform	ND	(0.15)	[1]	ND	(0.15)	ND
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	ND
Trichloroethene	ND	(0.2)	[1]	0.54	(0.2)	0.37
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				06				06			
	LOCATION ID				06-MW-03				06-MW-04			
	SAMPLE ID				06-MW-03 Dup of 06-MW-03-01				06-MW-04-01			
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	ND	(200)	[1.01]	ND	(200)	[1]	2900	(410)	[2.03]	3300	(380)	[1.92]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(10)	[25]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(5)	[25]	0.26	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	25 P	(10)	[25]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	510	(7.5)	[25]	0.73	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(5)	[25]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	250	(5)	[25]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	12000	(2500)	[25]	ND	(100)	[1]
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	320	(5)	[25]	0.32 B	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	970	(7.5)	[25]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	ND	(0.0098)	[0.975609]
4,4'-DDE	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	ND	(0.0098)	[0.975609]
4,4'-DDT	0.0083 KJB	(0.02)	[1.020408]	0.0078 KJB	(0.02)	[0.990099]	0.016 KJ	(0.02)	[0.985221]	ND	(0.02)	[0.975609]
Aldrin	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.011 LB	(0.0099)	[0.985221]	0.0058 JB	(0.0098)	[0.975609]
Chlordane	ND	(0.051)	[1.020408]	ND	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	ND	(0.049)	[0.975609]
Dieldrin	0.0081 JB	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	0.0067 PJB	(0.0098)	[0.975609]
Endosulfan I	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	0.0005 KJB	(0.0098)	[0.975609]
Endosulfan II	ND	(0.031)	[1.020408]	ND	(0.03)	[0.990099]	0.0016 KJB	(0.03)	[0.985221]	0.0005 KJB	(0.029)	[0.975609]
Endosulfan Sulfate	0.012 KJB	(0.051)	[1.020408]	0.011 KJB	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	0.015 KJB	(0.049)	[0.975609]
Endrin	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.011 B	(0.0099)	[0.985221]	ND	(0.0098)	[0.975609]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-DS-08 Dup of 06-MW-03-01	06 06-MW-04 06-MW-04-01	06 06-MW-06 06-MW-06-01		
2-Methylphenol(o-cresol)	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
2-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
2-Nitrophenol	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
3,3'-Dichlorobenzidine	ND	(21) [1.052631]	(20) [0.975609]	(20) [1.005025]	ND	(20) [0.995024]
3-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
4,6-Dinitro-2-methylphenol	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
4-Bromophenyl phenyl ether	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Chloro-3-methylphenol	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Chlorophenyl phenyl ether	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Methylphenol(p-cresol)	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
4-Nitrophenol	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
Acenaphthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Acenaphthylene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(a)anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(a)pyrene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(b)fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(g,h,i)perylene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(k)fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzoic acid	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
Benzyl alcohol	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	3.8 J	(10) [0.995024]
Butylbenzylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Chrysene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Di-n-octylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Dibenz(a,h)anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Dibenzofuran	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Diethylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Dimethylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-DS-08 Dup of 06-MW-03-01	06 06-MW-04 06-MW-04-01	06 06-MW-06 06-MW-06-01				
Fluorene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	0.87 J	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorobutadiene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorocyclopentadiene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachloroethane	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Indeno(1,2,3-cd)pyrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Isophorone	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
N-Nitrosodiphenylamine	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
N-Nitrosodipropylamine	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Naphthalene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	160	(10) [1.005025]	0.69 J	(10) [0.995024]
Nitrobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Pentachloropheno1	ND	(53) [1.052631]	ND	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
Phenanthrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	0.69 J	(10) [0.995024]
Pheno1	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Pyrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroethoxy)methane	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroethyl)ether	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroisopropyl)ether	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Ethylhexyl)phthalate	1.6 JB	(11) [1.052631]	1.7 JB	(9.8) [0.975609]	2.5 JB	(10) [1.005025]	3.1 JB	(10) [0.995024]
p-Chloroaniline	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	06	06	06	06	07	07
	06-SW-01	06-SW-01	06-SW-01	06-SW-01	06-SW-02	07-MW-01
	06-SW-01-01	06-SW-01-01	06-SW-01-01	06-SW-01-01	06-SW-02-01	07-MW-01-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(5)	[2]	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(1.1)	[2]	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.6)	[2]	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.4)	[2]	ND	(0.2)	ND
1,1-Dichloroethane	ND	(1)	[2]	ND	(0.5)	ND
1,1-Dichloroethene	ND	(1.4)	[2]	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(3.2)	[2]	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.5)	[2]	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.3)	[2]	0.42	(0.15)	ND
1,2-Dichloropropane	ND	(0.3)	[2]	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.64)	[2]	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.5)	[2]	ND	(0.25)	ND
1-Chlorohexane	ND	(6.8)	[2]	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(1.2)	[2]	ND	(0.6)	ND
Bromobenzene	ND	(3.2)	[2]	ND	(1.6)	ND
Bromodichloromethane	ND	(0.2)	[2]	ND	(0.1)	ND
Bromoform	ND	(1)	[2]	ND	(0.5)	ND
Bromomethane	ND	(0.7)	[2]	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.7)	[2]	ND	(0.35)	ND
Chlorobenzene	ND	(0.6)	[2]	ND	(0.3)	ND
Chloroethane	ND	(1.4)	[2]	ND	(0.7)	ND
Chloroform	ND	(0.3)	[2]	ND	(0.15)	ND
Chloromethane	ND	(1)	[2]	ND	(0.5)	ND
Dibromochloromethane	ND	(0.4)	[2]	ND	(0.2)	ND
Dibromomethane	ND	(3.2)	[2]	ND	(1.6)	ND
Methylene chloride	ND	(0.8)	[2]	ND	(0.4)	ND
Tetrachloroethene	ND	(0.2)	[2]	ND	(0.1)	ND
Trichloroethene	ND	(0.4)	[2]	ND	(0.2)	ND
Trichlorofluoromethane	ND	(1.1)	[2]	ND	(0.55)	ND
Vinyl chloride	ND	(0.5)	[2]	ND	(0.25)	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit \square = Factor NO = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	06					06				
	LOCATION ID					LOCATION ID				
	SAMPLE ID					SAMPLE ID				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06-DS-07 Dup of 06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
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	06-SW-01-01					06-SW-02-01				
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	06-SW-01-01					06-SW-02-01				
	06					06				
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	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
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	06-SW-01-01					06-SW-02-01				
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	06-SW-01-01					06-SW-02-01				
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	06-SW-01					06-SW-02				
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	06-SW-01-01					06-SW-02-01				
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	06-SW-01-01					06-SW-02-01				
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	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
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	06					06				
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	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
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	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01					06-SW-02				
	06-SW-01-01					06-SW-02-01				
	06					06				
	06-SW-01									

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor UN = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				07				07			
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID	
	07-DS-09 Dup of 07-MW-01-01		07-MW-02-01		07-DS-10 Dup of 07-MW-02-01		07-MW-02		07-DS-10 Dup of 07-MW-02-01		07-MW-03	

SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				07				07			
	LOCATION ID				07				07			
	SAMPLE ID				07				07			
	07-DS-09 Dup of 07-MW-01-01	07-MW-02	07-DS-10 Dup of 07-MW-02-01	07-MW-03	07-DS-09 Dup of 07-MW-01-01	07-MW-02	07-DS-10 Dup of 07-MW-02-01	07-MW-03	07-DS-09 Dup of 07-MW-01-01	07-MW-02	07-DS-10 Dup of 07-MW-02-01	07-MW-03
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]	ND
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	(10000)	[1]	ND
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	(3000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]	ND
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	ND	(190)	[0.957]	ND	(190)	[0.966]	ND	(190)	[0.952]	(190)	[0.952]	2300
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]	14
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	3.2
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]	2.4 P
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)	[1]	ND
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	ND
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	4.8
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]	(100)	[1]	ND
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]	ND
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)	[1]	21
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	(0.0096)	[0.961538]	0.03
4,4'-DDE	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	(0.0096)	[0.961538]	ND
4,4'-DDT	0.0009 PJB	(0.019)	[0.966183]	ND	(0.019)	[0.952380]	ND	(0.019)	[0.961538]	(0.019)	[0.961538]	ND
Aldrin	0.012 B	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	(0.0096)	[0.961538]	ND
Chlordane	ND	(0.048)	[0.966183]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.961538]	(0.048)	[0.961538]	ND
Dieldrin	0.012	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	0.0069 KJB	(0.0096)	[0.961538]	(0.0096)	[0.961538]	0.0053 KJB
Endosulfan I	0.0046 KJB	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	(0.0096)	[0.961538]	ND
Endosulfan II	0.0024 KJB	(0.029)	[0.966183]	0.0022 KJB	(0.029)	[0.952380]	0.0015 KJB	(0.029)	[0.961538]	(0.029)	[0.961538]	ND
Endosulfan Sulfate	0.012 KJB	(0.048)	[0.966183]	0.01 JB	(0.048)	[0.952380]	0.0098 JB	(0.048)	[0.961538]	(0.048)	[0.961538]	0.014 PJB
Endrin	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	(0.0096)	[0.961538]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	07	07	07	07
	07-MW-01	07-MW-02	07-MW-02	07-MW-03
	07-DS-09 Dup of 07-MW-01-01	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-03-01
Endrin Aldehyde	0.0063 KJB (0.019) [0.966183]	ND (0.019) [0.952380]	0.0037 KJB (0.019) [0.961538]	0.0003 KJB (0.019) [0.961538]
Heptachlor	0.0054 KJB (0.0097) [0.966183]	0.0071 JB (0.0095) [0.952380]	0.0035 PJB (0.0096) [0.961538]	0.0067 JB (0.0096) [0.961538]
Heptachlor epoxide	0.0028 PJB (0.0097) [0.966183]	0.0039 KJB (0.0095) [0.952380]	ND (0.0096) [0.961538]	0.0058 KJB (0.0096) [0.961538]
Methoxychlor	ND (0.048) [0.966183]	ND (0.048) [0.952380]	ND (0.048) [0.961538]	0.0029 KJ (0.048) [0.961538]
PCB-1016	ND (0.097) [0.966183]	ND (0.095) [0.952380]	ND (0.096) [0.961538]	ND (0.096) [0.961538]
PCB-1221	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
PCB-1232	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
PCB-1242	ND (0.097) [0.966183]	ND (0.095) [0.952380]	ND (0.096) [0.961538]	ND (0.096) [0.961538]
PCB-1248	ND (0.097) [0.966183]	ND (0.095) [0.952380]	ND (0.096) [0.961538]	ND (0.096) [0.961538]
PCB-1254	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
PCB-1260	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
Toxaphene	ND (0.48) [0.966183]	ND (0.48) [0.952380]	ND (0.48) [0.961538]	ND (0.48) [0.961538]
alpha-BHC	ND (0.0097) [0.966183]	ND (0.0095) [0.952380]	ND (0.0096) [0.961538]	0.02 (0.0096) [0.961538]
beta-BHC	0.0056 PJB (0.0097) [0.966183]	0.004 PJB (0.0095) [0.952380]	0.024 (0.0096) [0.961538]	0.0089 KJB (0.0096) [0.961538]
delta-BHC	0.018 B (0.0097) [0.966183]	ND (0.0095) [0.952380]	ND (0.0096) [0.961538]	ND (0.0096) [0.961538]
gamma-BHC	0.015 B (0.0097) [0.966183]	0.01 B (0.0095) [0.952380]	0.0097 B (0.0096) [0.961538]	0.0083 PJB (0.0096) [0.961538]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
1,2-Dichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
1,3-Dichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
1,4-Dichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2,4,5-Trichlorophenol	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2,4,6-Trichlorophenol	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2,4-Dichlorophenol	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2,4-Dimethylphenol	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2,4-Dinitrophenol	ND (48) [0.966183]	ND (48) [0.952380]	ND (48) [0.952380]	ND (49) [0.970873]
2,4-Dinitrotoluene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2,6-Dinitrotoluene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2-Chloronaphthalene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2-Chlorophenol	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]
2-Methylnaphthalene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	39 (9.7) [0.970873]

Compiled: 23 March 1995

() = Detection Limit ☐ = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				07				07			
	LOCATION ID				07				07			
	SAMPLE ID				07				07			
	07-MW-02				07-MW-02				07-MW-02			
	07-MW-02-01				07-MW-02-01				07-MW-02-01			
	07-DS-09 Dup of 07-MW-01-01				07-DS-10 Dup of 07-MW-02-01				07-MW-03			
	07-MW-01				07-MW-02				07-MW-03			
	07-DS-09 Dup of 07-MW-01-01				07-MW-02-01				07-MW-03-01			
2-Methylphenol(o-cresol)	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
2-Nitroaniline	ND	(48)	[0.966183]	ND	(48)	[0.952380]	ND	(48)	[0.952380]	ND	(49)	[0.970873]
2-Nitrophenol	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
3,3'-Dichlorobenzidine	ND	(19)	[0.966183]	ND	(19)	[0.952380]	ND	(19)	[0.952380]	ND	(19)	[0.970873]
3-Nitroaniline	ND	(48)	[0.966183]	ND	(48)	[0.952380]	ND	(48)	[0.952380]	ND	(49)	[0.970873]
4,6-Dinitro-2-methylphenol	ND	(48)	[0.966183]	ND	(48)	[0.952380]	ND	(48)	[0.952380]	ND	(49)	[0.970873]
4-Bromophenyl phenyl ether	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
4-Chloro-3-methylphenol	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
4-Chlorophenyl phenyl ether	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
4-Methylphenol(p-cresol)	ND	(48)	[0.966183]	ND	(48)	[0.952380]	ND	(48)	[0.952380]	ND	(49)	[0.970873]
4-Nitroaniline	ND	(48)	[0.966183]	ND	(48)	[0.952380]	ND	(48)	[0.952380]	ND	(49)	[0.970873]
4-Nitrophenol	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Acenaphthene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Acenaphthylene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Anthracene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Benzo(a)anthracene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Benzo(a)pyrene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Benzo(b)fluoranthene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Benzo(g,h,i)perylene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Benzo(k)fluoranthene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Benzoic acid	ND	(48)	[0.966183]	6.1 J	(48)	[0.952380]	6.6 J	(48)	[0.952380]	6 J	(49)	[0.970873]
Benzyl alcohol	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Butylbenzylphthalate	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Chrysene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Di-n-octylphthalate	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Dibenz(a,h)anthracene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Dibenzofuran	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Dibutylphthalate	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Diethylphthalate	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Dimethylphthalate	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]
Fluoranthene	ND	(9.7)	[0.966183]	ND	(9.5)	[0.952380]	ND	(9.5)	[0.952380]	ND	(9.7)	[0.970873]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor MD = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	07	07	07	07	09	
	07-MW-04	07-SW-01	07-SW-02	07-SW-01-01	09-MW-01	
	07-MW-04-01	07-SW-01-01	07-SW-02-01	07-SW-01-01	09-MW-01-01	

SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	8.6	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	0.61 B	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

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TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	07		07		07		07		09	
	07-MW-04	07-MW-04-01	07-SW-01	07-SW-01-01	07-SW-02	07-SW-02-01	07-SW-02	07-SW-02-01	09-MW-01	09-MW-01-01
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	0.46 P
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)										
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)										
Diesel Range Organics (2)	ND	(220)	[1.09]	3500	(950)	[4.76]	2900	(400)	[2]	ND
SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND	(0.4)	[1]	1.5	(0.4)	[1]	ND	(0.4)	[1]	ND
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
1,4-Dichlorobenzene	ND	(0.4)	[1]	0.4 P	(0.4)	[1]	ND	(0.4)	[1]	ND
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	110
Chlorobenzene	0.25	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	16
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]	1500
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	2.8	(0.2)	[1]	ND
Total xylenes	ND	(0.3)	[1]	1.4	(0.3)	[1]	ND	(0.3)	[1]	9
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.01)	[1.020408]	0.81	(0.0095)	[0.952380]	0.34	(0.0095)	[0.952380]	ND
4,4'-DDE	0.0097 KJB	(0.01)	[1.020408]	0.046	(0.0095)	[0.952380]	0.032	(0.0095)	[0.952380]	ND
4,4'-DDT	ND	(0.02)	[1.020408]	0.0052 PJB	(0.019)	[0.952380]	0.004 PJB	(0.019)	[0.952380]	0.0015 PJB
Aldrin	ND	(0.01)	[1.020408]	0.019 B	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND
Chlordane	ND	(0.051)	[1.020408]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	ND
Dieldrin	0.0074 KJB	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	0.011	(0.0095)	[0.952380]	0.0084 KJB
Endosulfan I	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND
Endosulfan II	0.013 KJB	(0.031)	[1.020408]	0.028 KJB	(0.029)	[0.952380]	0.019 KJB	(0.029)	[0.952380]	ND
Endosulfan Sulfate	0.0092 JB	(0.051)	[1.020408]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	0.0053 KJB
Endrin	ND	(0.01)	[1.020408]	0.0013 KJB	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND

Compiled: 23 March 1995

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TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	07			07			07			09		
	LOCATION ID			LOCATION ID			LOCATION ID			LOCATION ID		
	SAMPLE ID			SAMPLE ID			SAMPLE ID			SAMPLE ID		
	07-MW-04			07-SW-01			07-SW-02			09-MW-01		
	07-NW-04-01			07-SW-01-01			07-SW-02-01			09-MW-01-01		
Endrin Aldehyde	0.0007 KJB	(0.02)	[1.020408]	0.0037 KJB	(0.019)	[0.952380]	0.0006 PJB	(0.019)	[0.952380]	0.0057 KJB	(0.019)	[0.961538]
Heptachlor	ND	(0.01)	[1.020408]	0.0051 KJB	(0.0095)	[0.952380]	0.0081 KJB	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]
Heptachlor epoxide	ND	(0.01)	[1.020408]	0.0069 PJB	(0.0095)	[0.952380]	0.018 PB	(0.0095)	[0.952380]	0.0032 PJB	(0.0096)	[0.961538]
Methoxychlor	ND	(0.051)	[1.020408]	0.0065 J	(0.048)	[0.952380]	0.036 J	(0.048)	[0.952380]	ND	(0.048)	[0.961538]
PCB-1016	ND	(0.1)	[1.020408]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.096)	[0.961538]
PCB-1221	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]
PCB-1232	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]
PCB-1242	ND	(0.1)	[1.020408]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.096)	[0.961538]
PCB-1248	ND	(0.1)	[1.020408]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.096)	[0.961538]
PCB-1254	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]
PCB-1260	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]
Toxaphene	ND	(0.51)	[1.020408]	ND	(0.48)	[0.952380]	ND	(0.48)	[0.952380]	ND	(0.48)	[0.961538]
alpha-BHC	0.0077 JB	(0.01)	[1.020408]	0.02	(0.0095)	[0.952380]	0.0058 PJB	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]
beta-BHC	ND	(0.01)	[1.020408]	0.0024 KJB	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	0.0055 KJB	(0.0096)	[0.961538]
delta-BHC	ND	(0.01)	[1.020408]	0.02 PB	(0.0095)	[0.952380]	0.036 P	(0.0095)	[0.952380]	0.017 B	(0.0096)	[0.961538]
gamma-BHC	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	0.012 B	(0.0096)	[0.961538]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
1,2-Dichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
1,3-Dichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
1,4-Dichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2,4,5-Trichlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2,4,6-Trichlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2,4-Dichlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2,4-Dimethylphenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2,4-Dinitrophenol	ND	(52)	[1.036269]	ND	(47)	[0.943396]	ND	(47)	[0.943396]	ND	(50)	[0.990099]
2,4-Dinitrotoluene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2,6-Dinitrotoluene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2-Chloronaphthalene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2-Chlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]
2-Methylnaphthalene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]

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Compiled: 23 March 1995

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07		07		09	
	07-MW-04	07-SW-01	07-SW-02	07-SW-02-01	09-MW-01	09-MW-01-01
	07-MW-04-01	07-SW-01-01				
2-Methylphenol (o-cresol)	ND	ND	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
2-Nitroaniline	ND	ND	ND	(52) [1.036269]	ND	(50) [0.990099]
2-Nitrophenol	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
3,3'-Dichlorobenzidine	ND	ND	ND	(21) [1.036269]	ND	(20) [0.990099]
3-Nitroaniline	ND	ND	ND	(52) [1.036269]	ND	(50) [0.990099]
4,6-Dinitro-2-methylphenol	ND	ND	ND	(52) [1.036269]	ND	(50) [0.990099]
4-Bromophenyl phenyl ether	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
4-Chloro-3-methylphenol	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
4-Chlorophenyl phenyl ether	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
4-Methylphenol (p-cresol)	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
4-Nitroaniline	ND	ND	ND	(52) [1.036269]	ND	(50) [0.990099]
4-Nitrophenol	ND	ND	ND	(52) [1.036269]	ND	(50) [0.990099]
Acenaphthene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Acenaphthylene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Anthracene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Benzo(a)anthracene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Benzo(a)pyrene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Benzo(b)fluoranthene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Benzo(g,h,i)perylene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Benzo(k)fluoranthene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Benzoic acid	4.3 J	8.7 J	2.8 J	(52) [1.036269]	1.5 J	(50) [0.990099]
Benzyl alcohol	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Butylbenzylphthalate	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Chrysene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Di-n-octylphthalate	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Dibenz(a,h)anthracene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Dibenzofuran	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Dibutylphthalate	ND	0.42 J	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Diethylphthalate	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Dimethylphthalate	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]
Fluoranthene	ND	ND	ND	(10) [1.036269]	ND	(9.9) [0.990099]

Compiled: 23 March 1995

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TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07			09		
	07-MW-04	07-SW-01	07-SW-02	09-MW-01	09-MW-01-01	
	07-MW-04-01	07-SW-01-01	07-SW-02-01			
Fluorene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorobenzene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorobutadiene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorocyclopentadiene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachloroethane	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Isophorone	ND	(10) [1.036269]	1 J	(9.4) [0.943396]	ND	(9.9) [0.990099]
N-Nitrosodiphenylamine	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
N-Nitrosodipropylamine	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Naphthalene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Nitrobenzene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pentachlorophenol	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
Phenanthrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Phenol	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroethoxy)methane	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroethyl) ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroisopropyl) ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Ethylhexyl) phthalate	ND	(10) [1.036269]	0.72 JB	(9.4) [0.943396]	4.3 JB	(9.9) [0.990099]
p-Chloroaniline	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]

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TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID		SAMPLE ID		09-MW-01		09-MW-02		09-MW-03		09-MW-03	
	09-DS-07 Dup of 09-MW-01-01		09-MW-02-01		09-MW-03-01		09-MW-03-01		09-MW-03-01		09-DS-08 Dup of 09-MW-03-01	
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]	(2.5)	ND	(2.5)
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	(0.55)	ND	(0.55)
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)	ND	(0.3)
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	ND	(0.2)
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	(0.5)	ND	(0.5)
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	(0.7)	ND	(0.7)
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	(1.6)	ND	(1.6)
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	(0.25)	ND	(0.25)
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	(0.15)	ND	(0.15)
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	(0.15)	ND	(0.15)
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]	(0.32)	ND	(0.32)
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	(0.25)	ND	(0.25)
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]	(3.4)	ND	(3.4)
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]	(0.6)	ND	(0.6)
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	(1.6)	ND	(1.6)
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	(0.1)	ND	(0.1)
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	(0.5)	ND	(0.5)
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	(0.35)	ND	(0.35)
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	(0.35)	ND	(0.35)
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)	ND	(0.3)
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	(0.7)	ND	(0.7)
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	(0.15)	2.2	(0.15)
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	(0.5)	ND	(0.5)
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	ND	(0.2)
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	(1.6)	ND	(1.6)
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	ND	(0.4)
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	(0.1)	ND	(0.1)
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	ND	(0.2)
Trichlorofluoromethane	0.26 P	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	(0.55)	ND	(0.55)
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	(0.25)	ND	(0.25)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID		SAMPLE ID		09-MW-01		09-MW-02		09-MW-03		09-MW-03	
	09-DS-07 Dup of 09-MW-01-01		09-MW-02-01		09-DS-08 Dup of 09-MW-03-01		09-MW-03-01		09-DS-08 Dup of 09-MW-03-01		09-MW-03-01	
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	ND	(200)	[0.980]	ND	(200)	[1]	ND	(210)	[1.03]	ND	(200)	[0.980]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(2)	[5]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(2)	[5]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	57	(1.5)	[5]	0.79	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	6.1	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	750	(500)	[5]	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]
Toluene	ND	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	2.8	(1.5)	[5]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.0097)	[0.966183]	0.014 B	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
4,4'-DDE	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
4,4'-DDT	0.0086 KJB	(0.019)	[0.966183]	0.017 J	(0.02)	[0.995024]	ND	(0.02)	[1.005025]	NA		NA
Aldrin	0.015 B	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
Chlordane	ND	(0.048)	[0.966183]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]	NA		NA
Dieldrin	0.0083 KJB	(0.0097)	[0.966183]	0.011	(0.01)	[0.995024]	0.0083 JB	(0.01)	[1.005025]	NA		NA
Endosulfan I	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
Endosulfan II	ND	(0.029)	[0.966183]	ND	(0.03)	[0.995024]	ND	(0.03)	[1.005025]	NA		NA
Endosulfan Sulfate	0.0057 PJB	(0.048)	[0.966183]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]	NA		NA
Endrin	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA

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TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID				09-MW-01				09-MW-02			
	SAMPLE ID				09-DS-07 Dup of 09-MW-01-01				09-MW-03			
Endrin Aldehyde	0.0061 KJB	(0.019)	[0.966183]	0.0058 JB	(0.02)	[0.995024]	0.0048 KJB	(0.02)	[1.005025]	NA		NA
Heptachlor	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
Heptachlor epoxide	0.0032 PJB	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	0.0094 KJB	(0.01)	[1.005025]	NA		NA
Methoxychlor	ND	(0.048)	[0.966183]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]	NA		NA
PCB-1016	ND	(0.097)	[0.966183]	ND	(0.1)	[0.995024]	ND	(0.1)	[1.005025]	NA		NA
PCB-1221	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		NA
PCB-1232	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		NA
PCB-1242	ND	(0.097)	[0.966183]	ND	(0.1)	[0.995024]	ND	(0.1)	[1.005025]	NA		NA
PCB-1248	ND	(0.097)	[0.966183]	ND	(0.1)	[0.995024]	ND	(0.1)	[1.005025]	NA		NA
PCB-1254	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		NA
PCB-1260	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		NA
Toxaphene	ND	(0.48)	[0.966183]	ND	(0.5)	[0.995024]	ND	(0.5)	[1.005025]	NA		NA
alpha-BHC	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
beta-BHC	0.0054 KJB	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
delta-BHC	0.017 B	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
gamma-BHC	0.013 B	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		NA
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
1,2-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
1,3-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
1,4-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2,4,5-Trichloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2,4,6-Trichloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2,4-Dichloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2,4-Dimethylpheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2,4-Dinitrophenol	ND	(49)	[0.980392]	ND	(53)	[1.052631]	ND	(50)	[1]	ND		(48) [0.961538]
2,4-Dinitrotoluene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2,6-Dinitrotoluene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2-Chloronaphthalene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2-Chloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]
2-Methylnaphthalene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND		(9.6) [0.961538]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID		SAMPLE ID		09-MW-01		09-MW-02		09-MW-03		09-MW-03	
	09-DS-07 Dup of 09-MW-01-01		09-MW-02-01		09-DS-08 Dup of 09-MW-03-01		09-MW-03-01		09-DS-08 Dup of 09-MW-03-01		09-MW-03	
2-Methylphenol(o-cresol)	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
2-Nitroaniline	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50)	[1]	ND	(48) [0.961538]	ND	(48) [0.961538]	
2-Nitrophenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
3,3'-Dichlorobenzidine	ND	(20) [0.980392]	ND	(21) [1.052631]	ND	(20)	[1]	ND	(19) [0.961538]	ND	(19) [0.961538]	
3-Nitroaniline	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50)	[1]	ND	(48) [0.961538]	ND	(48) [0.961538]	
4,6-Dinitro-2-methylphenol	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50)	[1]	ND	(48) [0.961538]	ND	(48) [0.961538]	
4-Bromophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
4-Chloro-3-methylphenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
4-Chlorophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
4-Methylphenol(p-cresol)	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
4-Nitroaniline	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50)	[1]	ND	(48) [0.961538]	ND	(48) [0.961538]	
4-Nitrophenol	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50)	[1]	ND	(48) [0.961538]	ND	(48) [0.961538]	
Acenaphthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Acenaphthylene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Anthracene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Benzo(a)anthracene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Benzo(a)pyrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Benzo(b)fluoranthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Benzo(g,h,i)perylene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Benzo(k)fluoranthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Benzoic acid	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50)	[1]	ND	(48) [0.961538]	ND	(48) [0.961538]	
Benzyl alcohol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Butylbenzylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Chrysene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Di-n-octylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Dibenz(a,h)anthracene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Dibenzofuran	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Dibutylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Diethylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Dimethylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	
Fluoranthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10)	[1]	ND	(9.6) [0.961538]	ND	(9.6) [0.961538]	

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TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-01	09-MW-02	09-MW-03	09-MW-03-01	09-MW-03	09-MW-03
	09-DS-07 Dup of 09-MW-01-01	09-MW-02-01	09-MW-03-01	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	09-MW-03
Fluorene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachlorobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachlorobutadiene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachloroethane	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Isophorone	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Naphthalene	0.79 J	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Nitrobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Pentachlorophenol	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
Phenanthrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Phenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Pyrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Chloroethyl) ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Chloroisopropyl) ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Ethylhexyl) phthalate	3.2 JB	(9.8) [0.980392]	2.3 JB	(11) [1.052631]	1.6 JB	(9.6) [0.961538]
p-Chloroaniline	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-04	09-MW-05	09-MW-06	09-MW-07	09-MW-01	09-MW-02
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

US = Not Detected

() = Detection Limit [] = Factor

Compiled: 23 March 1995

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09	09	09	09	09	09	09	09	09	09	09	09
	09-MW-04	09-MW-05	09-MW-06	09-MW-07	09-MW-04	09-MW-05	09-MW-06	09-MW-07	09-MW-04	09-MW-05	09-MW-06	09-MW-07
	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01
Endrin Aldehyde	0.0075 KJB	(0.019)	[0.970873]	0.0002 PJB	(0.02)	[1.010101]	0.0092 KJB	(0.02)	[1.020408]	0.0046 KJB	(0.021)	[1.036269]
Heptachlor	0.0052 JB	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.0038 KJB	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
Heptachlor epoxide	0.0029 PJB	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.0039 JB	(0.01)	[1.020408]	0.0003 KJB	(0.01)	[1.036269]
Methoxychlor	ND	(0.049)	[0.970873]	ND	(0.051)	[1.010101]	ND	(0.051)	[1.020408]	ND	(0.052)	[1.036269]
PCB-1016	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1221	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1232	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1242	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1248	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1254	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1260	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
Toxaphene	ND	(0.49)	[0.970873]	ND	(0.51)	[1.010101]	ND	(0.51)	[1.020408]	ND	(0.52)	[1.036269]
alpha-BHC	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
beta-BHC	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
delta-BHC	0.016 PB	(0.0097)	[0.970873]	0.017 B	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
gamma-BHC	0.01 B	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,2-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,3-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,4-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4,5-Trichlorophenol	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4,6-Trichlorophenol	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dichlorophenol	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dimethylphenol	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dinitrophenol	ND	(49)	[0.975609]	ND	(50)	[0.990099]	ND	(50)	[1]	ND	(49)	[0.980392]
2,4-Dinitrotoluene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,6-Dinitrotoluene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Chloronaphthalene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Chlorophenol	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Methylnaphthalene	ND	(9.8)	[0.975609]	0.17 J	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	LOCATION ID		SAMPLE ID						
	09	09	09	09					
	09-MW-04	09-MW-05	09-MW-06	09-MW-07					
	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01					
2-Methylphenol (o-cresol)	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
2-Nitroaniline	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50)	[1]	ND	(49) [0.980392]
2-Nitrophenol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
3,3'-Dichlorobenzidine	ND	(20) [0.975609]	ND	(20) [0.990099]	ND	(20)	[1]	ND	(20) [0.980392]
3-Nitroaniline	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50)	[1]	ND	(49) [0.980392]
4,6-Dinitro-2-methylphenol	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50)	[1]	ND	(49) [0.980392]
4-Bromophenyl phenyl ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
4-Chloro-3-methylphenol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
4-Methylphenol (p-cresol)	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
4-Nitroaniline	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50)	[1]	ND	(49) [0.980392]
4-Nitrophenol	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50)	[1]	ND	(49) [0.980392]
Acenaphthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Acenaphthylene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Anthracene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Benzo(a)anthracene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Benzo(a)pyrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Benzo(b)fluoranthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Benzo(g,h,i)perylene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Benzo(k)fluoranthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Benzoic acid	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50)	[1]	ND	(49) [0.980392]
Benzyl alcohol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Butylbenzylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Chrysene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Di-n-octylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Dibenz(a,h)anthracene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Dibenzofuran	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Dibutylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Diethylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Dimethylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
Fluoranthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10)	[1]	ND	(9.8) [0.980392]
			1.4 J		0.99 J				

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				
	09 09-MW-04 09-MW-04-01	09 09-MW-05 09-MW-05-01	09 09-MW-06 09-MW-06-01	09 09-MW-07 09-MW-07-01			
Fluorene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Hexachlorobenzene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Hexachlorobutadiene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Hexachlorocyclopentadiene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Hexachloroethane	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Isophorone	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
N-Nitrosodiphenylamine	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
N-Nitrosodipropylamine	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Naphthalene	ND	(9.8) [0.975609]	0.58 J	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Nitrobenzene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Pentachlorophenol	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(50) [1]	(49) [0.980392]
Phenanthrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Phenol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
Pyrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
bis(2-Chloroethyl)ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
bis(2-Chloroisopropyl)ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]
bis(2-Ethylhexyl)phthalate	2.1 JB	(9.8) [0.975609]	15 B	(9.9) [0.990099]	13 B	(10) [1]	(9.8) [0.980392]
p-Chloroaniline	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [1]	(9.8) [0.980392]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	09	09	09	09
	09-MW-08	09-MW-10	09-MW-11	09-MW-12
	09-MW-08-01	09-MW-10-01	09-MW-11-01	09-MW-12-01

SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	[1]	ND	[1]
1,1,1-Trichloroethane	ND	[1]	ND	[1]
1,1,2,2-Tetrachloroethane	ND	[1]	ND	[1]
1,1,2-Trichloroethane	ND	[1]	ND	[1]
1,1-Dichloroethane	ND	[1]	ND	[1]
1,1-Dichloroethene	ND	[1]	ND	[1]
1,2,3-Trichloropropane	ND	[1]	ND	[1]
1,2-Dichlorobenzene	5	[1]	ND	[1]
1,2-Dichloroethane	0.68	[1]	4.4	[1]
1,2-Dichloropropane	ND	[1]	0.26	[1]
1,3-Dichlorobenzene	ND	[1]	ND	[1]
1,4-Dichlorobenzene	1.3	[1]	ND	[1]
1-Chlorohexane	ND	[1]	ND	[1]
2-Chloroethylvinylether	ND	[1]	ND	[1]
Bromobenzene	ND	[1]	ND	[1]
Bromodichloromethane	ND	[1]	ND	[1]
Bromoform	ND	[1]	ND	[1]
Bromomethane	ND	[1]	ND	[1]
Carbon tetrachloride	ND	[1]	ND	[1]
Chlorobenzene	ND	[1]	ND	[1]
Chloroethane	ND	[1]	ND	[1]
Chloroform	ND	[1]	ND	[1]
Chloromethane	ND	[1]	ND	[1]
Dibromochloromethane	ND	[1]	ND	[1]
Dibromomethane	ND	[1]	ND	[1]
Methylene chloride	ND	[1]	ND	[1]
Tetrachloroethene	ND	[1]	ND	[1]
Trichloroethene	0.26	[1]	1.5	[1]
Trichlorofluoromethane	ND	[1]	ND	[1]
Vinyl chloride	ND	[1]	ND	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	09-MW-08	09-MW-10	09-MW-11	09-MW-12		
	09-MW-08-01	09-MW-10-01	09-MW-11-01	09-MW-12-01		
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]
Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	6200	(2000)	[1]
Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	95000	(20000)	[100]	2900000	(39000)	[196]
Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	5800	(400)	[1000]	ND	(400)	[1000]
1,3-Dichlorobenzene	3800	(200)	[1000]	ND	(200)	[1000]
1,4-Dichlorobenzene	1400 P	(400)	[1000]	770	(400)	[1000]
Benzene	340	(300)	[1000]	12000	(300)	[1000]
Chlorobenzene	280	(200)	[1000]	ND	(200)	[1000]
Ethylbenzene	210	(200)	[1000]	420 P	(200)	[1000]
Gasoline Range Organics (2)	160000	(100000)	[1000]	260000	(100000)	[1000]
Toluene	ND	(200)	[1000]	15000	(200)	[1000]
Total xylenes	810	(300)	[1000]	1200 P	(300)	[1000]
Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	(0.05)	[4.975124]	0.0015 PJB	(0.0097)	[0.970873]
4,4'-DDE	ND	(0.05)	[4.975124]	0.0061 KJB	(0.0097)	[0.970873]
4,4'-DDT	ND	(0.1)	[4.975124]	0.0029 JB	(0.019)	[0.970873]
Aldrin	ND	(0.05)	[4.975124]	0.012 B	(0.0097)	[0.970873]
Chlordane	ND	(0.25)	[4.975124]	ND	(0.049)	[0.970873]
Dieldrin	0.046 KJ	(0.05)	[4.975124]	ND	(0.0097)	[0.970873]
Endosulfan I	ND	(0.05)	[4.975124]	ND	(0.0097)	[0.970873]
Endosulfan II	0.0053 PJB	(0.15)	[4.975124]	0.0027 KJB	(0.029)	[0.970873]
Endosulfan Sulfate	0.062 KJ	(0.25)	[4.975124]	ND	(0.049)	[0.970873]
Endrin	ND	(0.05)	[4.975124]	0.0088 KJB	(0.0097)	[0.970873]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	09				09				09			
	09-MW-08		09-MW-10		09-MW-11		09-MW-12		09-MW-11-01		09-MW-12-01	
Endrin Aldehyde	0.027 KJ	(0.1)	[4.975124]	0.014 KJB	(0.02)	[0.985221]	ND	(0.019)	[0.970873]	0.021 JB	(0.1)	[5.128205]
Heptachlor	0.042 PJ	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]	0.0097 PB	(0.0097)	[0.970873]	0.048 PJ	(0.051)	[5.128205]
Heptachlor epoxide	0.027 JB	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]	ND	(0.0097)	[0.970873]	0.026 PJB	(0.051)	[5.128205]
Methoxychlor	ND	(0.25)	[4.975124]	ND	(0.049)	[0.985221]	ND	(0.049)	[0.970873]	ND	(0.26)	[5.128205]
PCB-1016	ND	(0.5)	[4.975124]	ND	(0.099)	[0.985221]	ND	(0.097)	[0.970873]	ND	(0.51)	[5.128205]
PCB-1221	ND	(1)	[4.975124]	ND	(0.2)	[0.985221]	ND	(0.19)	[0.970873]	ND	(1)	[5.128205]
PCB-1232	ND	(1)	[4.975124]	ND	(0.2)	[0.985221]	ND	(0.19)	[0.970873]	ND	(1)	[5.128205]
PCB-1242	ND	(0.5)	[4.975124]	ND	(0.099)	[0.985221]	ND	(0.097)	[0.970873]	ND	(0.51)	[5.128205]
PCB-1248	ND	(0.5)	[4.975124]	ND	(0.099)	[0.985221]	ND	(0.097)	[0.970873]	ND	(0.51)	[5.128205]
PCB-1254	ND	(1)	[4.975124]	ND	(0.2)	[0.985221]	ND	(0.19)	[0.970873]	ND	(1)	[5.128205]
PCB-1260	ND	(1)	[4.975124]	ND	(0.2)	[0.985221]	ND	(0.19)	[0.970873]	ND	(1)	[5.128205]
Toxaphene	ND	(2.5)	[4.975124]	ND	(0.49)	[0.985221]	ND	(0.49)	[0.970873]	ND	(2.6)	[5.128205]
alpha-BHC	ND	(0.05)	[4.975124]	0.053	(0.0099)	[0.985221]	0.013 PB	(0.0097)	[0.970873]	0.19	(0.051)	[5.128205]
beta-BHC	0.019 PJ	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]	ND	(0.0097)	[0.970873]	0.15	(0.051)	[5.128205]
delta-BHC	ND	(0.05)	[4.975124]	0.012 PB	(0.0099)	[0.985221]	0.0037 PJB	(0.0097)	[0.970873]	0.17	(0.051)	[5.128205]
gamma-BHC	0.21 P	(0.05)	[4.975124]	0.016 B	(0.0099)	[0.985221]	0.0034 PJB	(0.0097)	[0.970873]	0.18	(0.051)	[5.128205]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
1,2-Dichlorobenzene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
1,3-Dichlorobenzene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
1,4-Dichlorobenzene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2,4,5-Trichloropheno	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2,4,6-Trichloropheno	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2,4-Dichloropheno	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2,4-Dimethylphenol	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2,4-Dinitrophenol	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2,4-Dinitrotoluene	ND	(520)	[10.36269]	ND	(490)	[9.852216]	ND	(49)	[0.980392]	ND	(500)	[9.90099]
2,6-Dinitrotoluene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2-Chloronaphthalene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2-Chloropheno	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(9.8)	[0.980392]	ND	(99)	[9.90099]
2-Methylnaphthalene	2500	(210)	[20.72538]	1500	(99)	[9.852216]	48	(9.8)	[0.980392]	630	(99)	[9.90099]

Compiled: 23 May 1995

() = Detection Limit ☐ = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09 09-MW-08	09 09-MW-10	09 09-MW-11	09 09-MW-12	09 09-MW-11-01	09 09-MW-12-01
	09-MW-08-01	09-MW-10-01	09-MW-11-01	09-MW-12-01	09-MW-11-01	09-MW-12-01
2-Methylphenol(o-cresol)	ND	110	(99) [9.852216]	21	(9.8) [0.980392]	21 J (99) [9.90099]
2-Nitroaniline	ND	(520) [10.36269]	(490) [9.852216]	ND	(49) [0.980392]	(500) [9.90099]
2-Nitrophenol	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
3,3'-Dichlorobenzidine	ND	(210) [10.36269]	(200) [9.852216]	ND	(20) [0.980392]	(200) [9.90099]
3-Nitroaniline	ND	(520) [10.36269]	(490) [9.852216]	ND	(49) [0.980392]	(500) [9.90099]
4,6-Dinitro-2-methylphenol	ND	(520) [10.36269]	(490) [9.852216]	ND	(49) [0.980392]	(500) [9.90099]
4-Bromophenyl phenyl ether	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
4-Chloro-3-methylphenol	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
4-Chlorophenyl phenyl ether	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
4-Methylphenol(p-cresol)	ND	(100) [10.36269]	(99) [9.852216]	32	(9.8) [0.980392]	(99) [9.90099]
4-Nitroaniline	ND	(520) [10.36269]	(490) [9.852216]	ND	(49) [0.980392]	(500) [9.90099]
4-Nitrophenol	ND	(520) [10.36269]	(490) [9.852216]	ND	(49) [0.980392]	(500) [9.90099]
Acenaphthene	20 J	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Acenaphthylene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Anthracene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Benzo(a)anthracene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Benzo(a)pyrene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Benzo(b)fluoranthene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Benzo(g,h,i)perylene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Benzo(k)fluoranthene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Benzoic acid	ND	(520) [10.36269]	(490) [9.852216]	410 J	(490) [9.803921]	(500) [9.90099]
Benzyl alcohol	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Butylbenzylphthalate	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Chrysene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Di-n-octylphthalate	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Dibenz(a,h)anthracene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Dibenzofuran	15 J	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Dibutylphthalate	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Diethylphthalate	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Dimethylphthalate	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]
Fluoranthene	ND	(100) [10.36269]	(99) [9.852216]	ND	(9.8) [0.980392]	(99) [9.90099]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	09 09-MW-08 09-MW-08-01	09 09-MW-10 09-MW-10-01	09 09-MW-11 09-MW-11-01	09 09-MW-12 09-MW-12-01
Fluorene	36 J	33 J	1.6 J	8.6 J
Hexachlorobenzene	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Hexachlorobutadiene	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Hexachlorocyclopentadiene	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Hexachloroethane	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Indeno(1,2,3-cd)pyrene	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Isophorone	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
N-Nitrosodiphenylamine	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
N-Nitrosodipropylamine	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Naphthalene	1300	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Nitrobenzene	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Pentachlorophenol	ND	(520) [10.36269]	(490) [9.852216]	(500) [9.90099]
Phenanthrene	24 J	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Phenol	18 J	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
Pyrene	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
bis(2-Chloroethoxy)methane	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
bis(2-Chloroethyl) ether	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
bis(2-Chloroisopropyl) ether	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
bis(2-Ethylhexyl) phthalate	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]
p-Chloroaniline	ND	(100) [10.36269]	(99) [9.852216]	(99) [9.90099]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		09		10	
	SAMPLE ID		09-MW-14		10-MW-01	
			09-DS-10 Dup of 09-MW-14-01		10-MW-01-02	
			09-MW-14-01		10-MW-02-02	
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	NA	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	NA	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	NA	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	NA	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	NA	ND	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	NA	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	NA	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	NA	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	NA	ND	(0.15)	ND
1,2-Dichloropropane	ND	(0.15)	NA	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	NA	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	NA	ND	(0.25)	ND
1-Chlorohexane	ND	(3.4)	NA	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	NA	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	NA	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	NA	ND	(0.1)	ND
Bromoform	ND	(0.5)	NA	ND	(0.5)	ND
Bromomethane	ND	(0.35)	NA	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	NA	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	NA	ND	(0.3)	ND
Chloroethane	ND	(0.7)	NA	ND	(0.7)	ND
Chloroform	ND	(0.15)	NA	ND	(0.15)	ND
Chloromethane	ND	(0.5)	NA	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	NA	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	NA	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	NA	ND	(0.4)	ND
Tetrachloroethane	ND	(0.1)	NA	ND	(0.1)	ND
Trichloroethene	ND	(0.2)	NA	0.27	(0.2)	0.8
Trichlorofluoromethane	ND	(0.55)	NA	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	NA	ND	(0.25)	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		10	
	09-MW-14	09-MW-14-01	09-MW-14	Dup of 09-MW-14-01	10-MW-01	10-MW-02
	09-MW-14-01				10-MW-01-02	10-MW-02-02
cis-1,3-Dichloropropene	ND	(0.2)	[1]	NA	ND	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	NA	ND	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	NA	ND	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	(2000)	[1]	NA	ND	ND
Ethyl ether	ND	(10000)	[1]	NA	ND	ND
Methyl ethyl ketone	ND	(3000)	[1]	NA	ND	ND
Methyl isobutyl ketone	ND	(2000)	[1]	NA	ND	ND
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	ND	(200)	[0.990]	NA	ND	2400
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND	(0.4)	[1]	NA	ND	ND
1,3-Dichlorobenzene	ND	(0.2)	[1]	NA	ND	14
1,4-Dichlorobenzene	ND	(0.4)	[1]	NA	ND	ND
Benzene	1.2	(0.3)	[1]	NA	ND	310
Chlorobenzene	ND	(0.2)	[1]	NA	ND	ND
Ethylbenzene	0.3	(0.2)	[1]	NA	ND	230
Gasoline Range Organics (2)	ND	(100)	[1]	NA	ND	14000
Toluene	3.7	(0.2)	[1]	NA	ND	79
Total xylenes	1.2	(0.3)	[1]	NA	ND	980
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.02 B	(0.01)	[1.010101]	0.02 B	0.027	ND
4,4'-DDE	0.016	(0.01)	[1.010101]	0.015	ND	ND
4,4'-DDT	0.032	(0.02)	[1.010101]	0.027	0.002 PJB	0.01 KJB
Aldrin	0.012 B	(0.01)	[1.010101]	0.014 B	ND	0.016 B
Chlordane	ND	(0.051)	[1.010101]	ND	ND	ND
Dieldrin	0.013	(0.01)	[1.010101]	0.012	ND	ND
Endosulfan I	ND	(0.01)	[1.010101]	ND	ND	ND
Endosulfan II	ND	(0.03)	[1.010101]	ND	ND	0.0027 KJB
Endosulfan Sulfate	0.0094 KJB	(0.051)	[1.010101]	0.0066 KJB	ND	0.008 KJB
Endrin	ND	(0.01)	[1.010101]	ND	0.013 KJB	0.013 KJB
						ND

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected

NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				
	09		10				
	09-MW-14	09-MW-14	10-MW-01	10-MW-02			
09-MW-14-01	09-DS-10 Dup of 09-MW-14-01	10-MW-01-02	10-MW-02-02				
2-Methylphenol(o-cresol)	ND	(10) [1.020408]	NA	ND	3.3 J	(10) [1.010101]	(10) [1.010101]
2-Nitroaniline	ND	(51) [1.020408]	NA	ND	ND	(51) [1.010101]	(51) [1.010101]
2-Nitrophenol	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
3,3'-Dichlorobenzidine	ND	(20) [1.020408]	NA	ND	ND	(20) [1.010101]	(20) [1.010101]
3-Nitroaniline	ND	(51) [1.020408]	NA	ND	ND	(51) [1.010101]	(51) [1.010101]
4,6-Dinitro-2-methylphenol	ND	(51) [1.020408]	NA	ND	ND	(51) [1.010101]	(51) [1.010101]
4-Bromophenyl phenyl ether	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
4-Chloro-3-methylphenol	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
4-Chlorophenyl phenyl ether	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
4-Methylphenol(p-cresol)	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
4-Nitroaniline	ND	(51) [1.020408]	NA	ND	13	(51) [1.010101]	(10) [1.010101]
4-Nitrophenol	ND	(51) [1.020408]	NA	ND	ND	(51) [1.010101]	(51) [1.010101]
Acenaphthene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Acenaphthylene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Anthracene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Benzo(a)anthracene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Benzo(a)pyrene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Benzo(b)fluoranthene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Benzo(g,h,i)perylene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Benzo(k)fluoranthene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Benzoic acid	ND	(51) [1.020408]	NA	ND	ND	(51) [1.010101]	(10) [1.010101]
Benzyl alcohol	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Butylbenzylphthalate	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Chrysene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Di-n-octylphthalate	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Dibenz(a,h)anthracene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Dibenzofuran	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Dibutylphthalate	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Diethylphthalate	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Dimethylphthalate	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]
Fluoranthene	ND	(10) [1.020408]	NA	ND	ND	(10) [1.010101]	(10) [1.010101]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		10	
	09-MW-14 09-MW-14-01	09-DS-10 Dup of 09-MW-14-01	09-MW-14	10-MW-01 10-MW-01-02	10-MW-02 10-MW-02-02	
Fluorene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachlorobenzene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachlorobutadiene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachlorocyclopentadiene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachloroethane	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Isophorone	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
N-Nitrosodiphenylamine	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
N-Nitrosodipropylamine	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Naphthalene	ND	(10) [1.020408]	NA	(10) [1.010101]	85	(10) [1.010101]
Nitrobenzene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Pentachlorophenol	ND	(51) [1.020408]	NA	(51) [1.010101]	ND	(51) [1.010101]
Phenanthrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Phenol	ND	(10) [1.020408]	NA	(10) [1.010101]	20	(10) [1.010101]
Pyrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Chloroethoxy)methane	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Chloroethyl)ether	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Chloroisopropyl)ether	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Ethylhexyl)phthalate	ND	(10) [1.020408]	NA	(10) [1.010101]	1.2 JB	(10) [1.010101]
p-Chloroaniline	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-03	11-MW-01	11-MW-02
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01	11-MW-02-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	NA	ND (2.5)	[1] (2.5)	ND (2.5)
1,1,1-Trichloroethane	NA	ND (0.55)	[1] (0.55)	ND (0.55)
1,1,2,2-Tetrachloroethane	NA	ND (0.3)	[1] (0.3)	ND (0.3)
1,1,2-Trichloroethane	NA	ND (0.2)	[1] (0.2)	ND (0.2)
1,1-Dichloroethane	NA	ND (0.5)	[1] (0.5)	ND (0.5)
1,1-Dichloroethene	NA	ND (0.7)	[1] (0.7)	ND (0.7)
1,2,3-Trichloropropane	NA	ND (1.6)	[1] (1.6)	ND (1.6)
1,2-Dichlorobenzene	NA	ND (0.25)	[1] (0.25)	ND (0.25)
1,2-Dichloroethane	NA	ND (0.15)	[1] (0.15)	ND (0.15)
1,2-Dichloropropane	NA	ND (0.15)	[1] (0.15)	ND (0.15)
1,3-Dichlorobenzene	NA	ND (0.32)	[1] (0.32)	ND (0.32)
1,4-Dichlorobenzene	NA	ND (0.25)	[1] (0.25)	ND (0.25)
1-Chlorohexane	NA	ND (3.4)	[1] (3.4)	ND (3.4)
2-Chloroethylvinylether	NA	ND (0.6)	[1] (0.6)	ND (0.6)
Bromobenzene	NA	ND (1.6)	[1] (1.6)	ND (1.6)
Bromodichloromethane	NA	ND (0.1)	[1] (0.1)	ND (0.1)
Bromoform	NA	ND (0.5)	[1] (0.5)	ND (0.5)
Bromomethane	NA	ND (0.35)	[1] (0.35)	ND (0.35)
Carbon tetrachloride	NA	ND (0.35)	[1] (0.35)	ND (0.35)
Chlorobenzene	NA	ND (0.3)	[1] (0.3)	ND (0.3)
Chloroethane	NA	ND (0.7)	[1] (0.7)	ND (0.7)
Chloroform	NA	ND (0.15)	[1] (0.15)	ND (0.15)
Chloromethane	NA	ND (0.5)	[1] (0.5)	ND (0.5)
Dibromochloromethane	NA	ND (0.2)	[1] (0.2)	ND (0.2)
Dibromomethane	NA	ND (1.6)	[1] (1.6)	ND (1.6)
Methylene chloride	NA	ND (0.4)	[1] (0.4)	ND (0.4)
Tetrachloroethene	NA	ND (0.1)	[1] (0.1)	ND (0.1)
Trichloroethene	NA	ND (0.2)	[1] (0.2)	ND (0.2)
Trichlorofluoromethane	NA	ND (0.55)	[1] (0.55)	ND (0.55)
Vinyl chloride	NA	ND (0.25)	[1] (0.25)	ND (0.25)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		10		11	
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	10-MW-02	10-MW-03	11-MW-01	11-MW-02	11-MW-01	11-MW-02
10-DS-06 Dup of 10-MW-02-02	10-MW-02	10-MW-03	11-MW-01	11-MW-02	11-MW-01	11-MW-02
cis-1,3-Dichloropropene	NA	ND	(0.2)	[1]	ND	(0.2)
trans-1,2-Dichloroethene	NA	ND	(0.25)	[1]	ND	(0.25)
trans-1,3-Dichloropropene	NA	ND	(0.15)	[1]	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	(2000)	[1]	[1]	ND	(2000)
Ethyl ether	ND	(10000)	[1]	[1]	ND	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	[1]	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	[1]	ND	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	2400	(210)	[1.03]	[0.971]	ND	(220)
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	60	(10)	[25]	[2]	ND	(0.4)
1,3-Dichlorobenzene	14	(5)	[25]	[2]	ND	(0.2)
1,4-Dichlorobenzene	14	(10)	[25]	[2]	ND	(0.4)
Benzene	280	(7.5)	[25]	[2]	ND	(0.3)
Chlorobenzene	ND	(5)	[25]	[2]	ND	(0.2)
Ethylbenzene	230	(5)	[25]	[2]	ND	(0.2)
Gasoline Range Organics (2)	14000	(2500)	[25]	[2]	ND	(100)
Toluene	73	(5)	[25]	[2]	ND	(0.2)
Total xylenes	970	(7.5)	[25]	[2]	ND	(0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	(0.01)	[1.010101]	[0.01]	0.016 B	(0.011)
4,4'-DDE	ND	(0.01)	[1.010101]	[0.01]	ND	(0.011)
4,4'-DDT	0.0074 KJB	(0.02)	[1.010101]	[0.02]	0.011 KJB	(0.021)
Aldrin	0.013 B	(0.01)	[1.010101]	[0.01]	0.0064 JB	(0.011)
Chlordane	ND	(0.051)	[1.010101]	[0.051]	ND	(0.053)
Dieldrin	ND	(0.01)	[1.010101]	[0.01]	ND	(0.011)
Endosulfan I	ND	(0.01)	[1.010101]	[0.01]	ND	(0.011)
Endosulfan II	0.0082 KJB	(0.03)	[1.010101]	[0.03]	ND	(0.032)
Endosulfan Sulfate	0.015 KJB	(0.051)	[1.010101]	[0.051]	ND	(0.053)
Endrin	ND	(0.01)	[1.010101]	[0.01]	ND	(0.011)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit ☐ = Factor  = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-03	11-MW-01	11-MW-02
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01	11-MW-02-01
2-Methylphenol(o-cresol)	2.5 J	(9.9) [0.990099]	ND	(10) [1.086956]
2-Nitroaniline	ND	(50) [0.990099]	ND	(54) [1.086956]
2-Nitrophenol	ND	(9.9) [0.990099]	ND	(11) [1.086956]
3,3'-Dichlorobenzidine	ND	(20) [0.990099]	ND	(22) [1.086956]
3-Nitroaniline	ND	(50) [0.990099]	ND	(54) [1.086956]
4,6-Dinitro-2-methylphenol	ND	(50) [0.990099]	ND	(54) [1.086956]
4-Bromophenyl phenyl ether	ND	(9.9) [0.990099]	ND	(11) [1.086956]
4-Chloro-3-methylphenol	ND	(9.9) [0.990099]	ND	(11) [1.086956]
4-Chlorophenyl phenyl ether	ND	(9.9) [0.990099]	ND	(11) [1.086956]
4-Methylphenol(p-cresol)	11	(9.9) [0.990099]	ND	(11) [1.086956]
4-Nitroaniline	ND	(50) [0.990099]	ND	(54) [1.086956]
4-Nitrophenol	ND	(50) [0.990099]	ND	(54) [1.086956]
Acenaphthene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Acenaphthylene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Anthracene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Benzo(a)anthracene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Benzo(a)pyrene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Benzo(b)fluoranthene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Benzo(g,h,i)perylene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Benzo(k)fluoranthene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Benzoic acid	ND	(50) [0.990099]	ND	(54) [1.086956]
Benzyl alcohol	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Butylbenzylphthalate	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Chrysene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Di-n-octylphthalate	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Dibenz(a,h)anthracene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Dibenzofuran	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Dibutylphthalate	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Diethylphthalate	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Dimethylphthalate	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Fluoranthene	ND	(9.9) [0.990099]	ND	(11) [1.086956]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 May 1995

() = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	12		12	
	12-MW-01	12-MW-01-01	12-MW-02	12-MW-02-01

SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	(2.5)	ND	(2.5)
1,1,1-Trichloroethane	ND	(0.55)	ND	(0.55)
1,1,2,2-Tetrachloroethane	ND	(0.3)	ND	(0.3)
1,1,2-Trichloroethane	ND	(0.2)	ND	(0.2)
1,1-Dichloroethane	ND	(0.5)	ND	(0.5)
1,1-Dichloroethene	ND	(0.7)	ND	(0.7)
1,2,3-Trichloropropane	ND	(1.6)	ND	(1.6)
1,2-Dichlorobenzene	ND	(0.25)	ND	(0.25)
1,2-Dichloroethane	ND	(0.15)	ND	(0.15)
1,2-Dichloropropane	ND	(0.15)	ND	(0.15)
1,3-Dichlorobenzene	ND	(0.32)	ND	(0.32)
1,4-Dichlorobenzene	ND	(0.25)	ND	(0.25)
1-Chlorohexane	ND	(3.4)	ND	(3.4)
2-Chloroethylvinylether	ND	(0.6)	ND	(0.6)
Bromobenzene	ND	(1.6)	ND	(1.6)
Bromodichloromethane	ND	(0.1)	ND	(0.1)
Bromoform	ND	(0.5)	ND	(0.5)
Bromomethane	ND	(0.35)	ND	(0.35)
Carbon tetrachloride	ND	(0.35)	ND	(0.35)
Chlorobenzene	ND	(0.3)	ND	(0.3)
Chloroethane	ND	(0.7)	ND	(0.7)
Chloroform	ND	(0.15)	ND	(0.15)
Chloromethane	ND	(0.5)	ND	(0.5)
Dibromochloromethane	ND	(0.2)	ND	(0.2)
Dibromomethane	ND	(1.6)	ND	(1.6)
Methylene chloride	ND	(0.4)	ND	(0.4)
Tetrachloroethene	ND	(0.1)	ND	(0.1)
Trichloroethene	ND	(0.2)	ND	(0.2)
Trichlorofluoromethane	ND	(0.55)	ND	(0.55)
Vinyl chloride	ND	(0.25)	ND	(0.25)

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	12		12	
	12-MW-01	12-MW-01-01	12-MW-02	12-MW-02-01
cis-1,3-Dichloropropene	ND	(0.2)	ND	(0.2) [1]
trans-1,2-Dichloroethene	ND	(0.25)	ND	(0.25) [1]
trans-1,3-Dichloropropene	ND	(0.15)	ND	(0.15) [1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	ND	(2000) [1]
Ethyl ether	ND	(10000)	ND	(10000) [1]
Methyl ethyl ketone	ND	(3000)	ND	(3000) [1]
Methyl isobutyl ketone	ND	(2000)	ND	(2000) [1]
SW8015MEWP - Nonhalogenated Volatile Organics (ug/L)				
Diesel Range Organics (2)	ND	(210)	ND	(200) [1.01]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND	(0.4)	ND	(0.4) [1]
1,3-Dichlorobenzene	ND	(0.2)	ND	(0.2) [1]
1,4-Dichlorobenzene	ND	(0.4)	ND	(0.4) [1]
Benzene	ND	(0.3)	ND	(0.3) [1]
Chlorobenzene	ND	(0.2)	ND	(0.2) [1]
Ethylbenzene	ND	(0.2)	ND	(0.2) [1]
Gasoline Range Organics (2)	ND	(100)	ND	(100) [1]
Toluene	0.6	(0.2)	ND	(0.2) [1]
Total xylenes	ND	(0.3)	ND	(0.3) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
4,4'-DDE	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
4,4'-DDT	ND	(0.021) [1.058201]	ND	(0.02) [1.010101]
Aldrin	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Chlordane	ND	(0.053) [1.058201]	ND	(0.051) [1.010101]
Dieldrin	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Endosulfan I	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Endosulfan II	ND	(0.032) [1.058201]	ND	(0.03) [1.010101]
Endosulfan Sulfate	ND	(0.053) [1.058201]	ND	(0.051) [1.010101]
Endrin	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]

Compiled: 23 Mar 1995

() = Detection Limit

[] = Factor

NA = Not Detected

NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	12		12	
	12-MW-01	12-MW-02	12-MW-01	12-MW-02
Endrin Aldehyde	0.017 KJB	(0.021) [1.058201]	0.016 KJB	(0.02) [1.010101]
Heptachlor	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Heptachlor epoxide	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Methoxychlor	ND	(0.053) [1.058201]	ND	(0.051) [1.010101]
PCB-1016	ND	(0.11) [1.058201]	ND	(0.1) [1.010101]
PCB-1221	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
PCB-1232	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
PCB-1242	ND	(0.11) [1.058201]	ND	(0.1) [1.010101]
PCB-1248	ND	(0.11) [1.058201]	ND	(0.1) [1.010101]
PCB-1254	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
PCB-1260	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
Toxaphene	ND	(0.53) [1.058201]	ND	(0.51) [1.010101]
alpha-BHC	0.0054 KJB	(0.011) [1.058201]	ND	(0.01) [1.010101]
beta-BHC	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
delta-BHC	0.0026 PJB	(0.011) [1.058201]	ND	(0.01) [1.010101]
gamma-BHC	0.0037 KJB	(0.011) [1.058201]	0.0047 KJB	(0.01) [1.010101]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
1,2-Dichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
1,3-Dichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
1,4-Dichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4,5-Trichlorophenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4,6-Trichlorophenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4-Dichlorophenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4-Dimethylphenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4-Dinitrophenol	ND	(49) [0.985221]	ND	(52) [1.041666]
2,4-Dinitrotoluene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,6-Dinitrotoluene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-Chloronaphthalene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-Chlorophenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-Methylnaphthalene	ND	(9.9) [0.985221]	ND	(10) [1.041666]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	12 12-MW-01 12-MW-01-01	12 12-MW-02 12-MW-02-01
2-Methylphenol(o-cresol)	ND	(9.9) [0.985221] (10) [1.041666]
2-Nitroaniline	ND	(49) [0.985221] (52) [1.041666]
2-Nitrophenol	ND	(9.9) [0.985221] (10) [1.041666]
3,3'-Dichlorobenzidine	ND	(20) [0.985221] (21) [1.041666]
3-Nitroaniline	ND	(49) [0.985221] (52) [1.041666]
4,6-Dinitro-2-methylphenol	ND	(49) [0.985221] (52) [1.041666]
4-Bromophenyl phenyl ether	ND	(9.9) [0.985221] (10) [1.041666]
4-Chloro-3-methylphenol	ND	(9.9) [0.985221] (10) [1.041666]
4-Chlorophenyl phenyl ether	ND	(9.9) [0.985221] (10) [1.041666]
4-Methylphenol(p-cresol)	ND	(9.9) [0.985221] (10) [1.041666]
4-Nitroaniline	ND	(49) [0.985221] (52) [1.041666]
4-Nitrophenol	ND	(49) [0.985221] (52) [1.041666]
Acenaphthene	ND	(9.9) [0.985221] (10) [1.041666]
Acenaphthylene	ND	(9.9) [0.985221] (10) [1.041666]
Anthracene	ND	(9.9) [0.985221] (10) [1.041666]
Benzo(a)anthracene	ND	(9.9) [0.985221] (10) [1.041666]
Benzo(a)pyrene	ND	(9.9) [0.985221] (10) [1.041666]
Benzo(b)fluoranthene	ND	(9.9) [0.985221] (10) [1.041666]
Benzo(g,h,i)perylene	ND	(9.9) [0.985221] (10) [1.041666]
Benzo(k)fluoranthene	ND	(9.9) [0.985221] (10) [1.041666]
Benzoic acid	ND	(49) [0.985221] (52) [1.041666]
Benzyl alcohol	ND	(9.9) [0.985221] (10) [1.041666]
Butylbenzylphthalate	ND	(9.9) [0.985221] (10) [1.041666]
Chrysene	ND	(9.9) [0.985221] (10) [1.041666]
Di-n-octylphthalate	ND	(9.9) [0.985221] (10) [1.041666]
Dibenz(a,h)anthracene	ND	(9.9) [0.985221] (10) [1.041666]
Dibenzofuran	ND	(9.9) [0.985221] (10) [1.041666]
Dibutylphthalate	ND	(9.9) [0.985221] (10) [1.041666]
Diethylphthalate	ND	(9.9) [0.985221] (10) [1.041666]
Dimethylphthalate	ND	(9.9) [0.985221] (10) [1.041666]
Fluoranthene	ND	(9.9) [0.985221] (10) [1.041666]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		
	LOCATION ID		
	SAMPLE ID		
	12	12	
	12-MW-01	12-MW-02	
	12-MW-01-01	12-MW-02-01	
Fluorene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Hexachlorobenzene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Hexachlorobutadiene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Hexachlorocyclopentadiene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Hexachloroethane	ND	(9.9) [0.985221]	ND (10) [1.041666]
Indeno(1,2,3-cd)pyrene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Isophorone	ND	(9.9) [0.985221]	ND (10) [1.041666]
N-Nitrosodiphenylamine	ND	(9.9) [0.985221]	ND (10) [1.041666]
N-Nitrosodipropylamine	ND	(9.9) [0.985221]	ND (10) [1.041666]
Naphthalene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Nitrobenzene	ND	(9.9) [0.985221]	ND (10) [1.041666]
Pentachlorophenol	ND	(49) [0.985221]	ND (52) [1.041666]
Phenanthrene	ND	(9.9) [0.985221]	0.92 J (10) [1.041666]
Phenol	ND	(9.9) [0.985221]	ND (10) [1.041666]
Pyrene	ND	(9.9) [0.985221]	ND (10) [1.041666]
bis(2-Chloroethoxy)methane	ND	(9.9) [0.985221]	ND (10) [1.041666]
bis(2-Chloroethyl) ether	ND	(9.9) [0.985221]	ND (10) [1.041666]
bis(2-Chloroisopropyl) ether	ND	(9.9) [0.985221]	ND (10) [1.041666]
bis(2-Ethylhexyl) phthalate	2.9 JB	(9.9) [0.985221]	4.2 JB (10) [1.041666]
p-Chloroaniline	ND	(9.9) [0.985221]	ND (10) [1.041666]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)			
Acenaphthene	ND	(1.9) [1.052631]	ND (1.8) [0.995024]
Acenaphthylene	ND	(2.4) [1.052631]	ND (2.3) [0.995024]
Anthracene	ND	(0.69) [1.052631]	ND (0.66) [0.995024]
Benzo(a)anthracene	ND	(0.014) [1.052631]	ND (0.013) [0.995024]
Benzo(a)pyrene	ND	(0.024) [1.052631]	ND (0.023) [0.995024]
Benzo(b)fluoranthene	ND	(0.019) [1.052631]	ND (0.018) [0.995024]
Benzo(g,h,i)perylene	ND	(0.08) [1.052631]	ND (0.076) [0.995024]
Benzo(k)fluoranthene	ND	(0.018) [1.052631]	ND (0.017) [0.995024]
Chrysene	ND	(0.16) [1.052631]	ND (0.15) [0.995024]
Dibenzo(a,h)anthracene	ND	(0.032) [1.052631]	ND (0.03) [0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	12	12
	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01

Fluoranthene	ND	(0.22) [1.052631]
Fluorene	ND	(0.22) [1.052631]
Indeno(1,2,3-cd)pyrene	0.07	(0.045) [1.052631]
Naphthalene	ND	(1.9) [1.052631]
Phenanthrene	ND	(0.67) [1.052631]
Pyrene	ND	(0.28) [1.052631]
	ND	(0.21) [0.995024]
	ND	(0.21) [0.995024]
	0.075	(0.043) [0.995024]
	ND	(1.8) [0.995024]
	ND	(0.64) [0.995024]
	ND	(0.27) [0.995024]

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01
SW7470 - Mercury (mg/L)				
Mercury	0.00036	(0.00018)	[1]	0.00034 B (0.00018)
SW7740 - Selenium (mg/L)				
Selenium	ND	(0.005)	[1]	ND (0.005)

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID			
	01		01		02		02		02		02	
	01-SW-01	01-SW-01-01	01-SW-02	01-SW-02-01	02-GW-01	02-GW-01-01	02-GW-02	02-GW-02-01	02-GW-02	02-GW-02-01	02-GW-02	02-GW-02-01
E160.1 - Residue, Filterable (TDS)												
Total dissolved solids	480	(10) [1.000000]	640	(10) [1.000000]	260	(10) [1.000000]	270	(10) [1.000000]				
SW6010 - Metals (mg/L)												
Aluminum	ND	(0.2)	ND	(0.2)	ND	(0.2)	ND	(0.2)				
Antimony	ND	(0.1)	ND	(0.1)	ND	(0.1)	ND	(0.1)				
Arsenic	ND	(0.3)	ND	(0.3)	ND	(0.3)	ND	(0.3)				
Barium	0.17	(0.01)	0.2	(0.01)	0.4	(0.01)	0.42	(0.01)				
Beryllium	ND	(0.002)	ND	(0.002)	ND	(0.002)	ND	(0.002)				
Cadmium	ND	(0.005)	ND	(0.005)	ND	(0.005)	ND	(0.005)				
Calcium	93	(1)	110	(1)	61	(1)	60	(1)				
Chromium	ND	(0.01)	ND	(0.01)	ND	(0.01)	ND	(0.01)				
Cobalt	ND	(0.01)	ND	(0.01)	ND	(0.01)	ND	(0.01)				
Copper	ND	(0.02)	ND	(0.02)	ND	(0.02)	ND	(0.02)				
Iron	1.8	(0.05)	0.3 B	(0.05)	5.3	(0.05)	4.9	(0.05)				
Lead	ND	(0.05)	ND	(0.05)	ND	(0.05)	ND	(0.05)				
Magnesium	18	(1)	16	(1)	16	(1)	17	(1)				
Manganese	2.4	(0.01)	1.6	(0.01)	0.35	(0.01)	0.32	(0.01)				
Molybdenum	ND	(0.05)	ND	(0.05)	ND	(0.05)	ND	(0.05)				
Nickel	ND	(0.02)	ND	(0.02)	ND	(0.02)	ND	(0.02)				
Potassium	19	(3)	28	(3)	ND	(3)	ND	(3)				
Selenium	ND	(0.3)	ND	(0.3)	ND	(0.3)	ND	(0.3)				
Silver	ND	(0.01)	ND	(0.01)	ND	(0.01)	ND	(0.01)				
Sodium	2.2	(1)	5.6	(1)	2.9	(1)	3.3	(1)				
Thallium	ND	(0.1)	ND	(0.1)	ND	(0.1)	ND	(0.1)				
Vanadium	ND	(0.02)	ND	(0.02)	ND	(0.02)	ND	(0.02)				
Zinc	ND	(0.02)	ND	(0.02)	0.025	(0.02)	ND	(0.02)				
SW7060 - Arsenic (mg/L)												
Arsenic	0.0085	(0.004)	0.043	(0.004)	ND	(0.004)	ND	(0.004)				
SW7421 - Lead (mg/L)												
Lead	0.01	(0.003)	0.011	(0.003)	0.0044 B	(0.003)	0.0047 B	(0.003)				

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		01	02	02
		01-SW-01	02-GW-01	02-GW-02
		01-SW-01-01	02-GW-01-01	02-GW-02-01
SW7470 - Mercury (mg/L)				
Mercury				
SW7740 - Selenium (mg/L)				
Selenium				
	ND	[1] 0.00018 B (0.00018)	[1] ND (0.00018)	[1] ND (0.00018)
	ND	[1] (0.005) ND (0.005)	[1] ND (0.005)	[1] ND (0.005)

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor NS = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit ☐ = Factor NA = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	03	03	04	04
	03-GW-03	03-GW-04	04-MW-02	04-MW-03
	03-DS-02 Dup of 03-GW-03-01	03-GW-04-01	04-MW-02-01	04-MW-03-01
E160.1 - Residue, Filterable (TDS) (mg/L)	580	570	NA	NA
Total dissolved solids				
SW6010 - Metals (mg/L)				
Aluminum	NA	ND	ND	ND
Antimony	NA	ND	ND	ND
Arsenic	NA	ND	ND	ND
Barium	NA	0.35	0.21	0.43
Beryllium	NA	ND	ND	ND
Cadmium	NA	ND	ND	ND
Calcium	NA	130	190	160
Chromium	NA	ND	ND	ND
Cobalt	NA	ND	ND	0.017
Copper	NA	ND	ND	ND
Iron	NA	0.16 B	ND	18
Lead	NA	23	ND	ND
Magnesium	NA	23	37	27
Manganese	NA	1.2	0.027	9.5
Molybdenum	NA	ND	ND	ND
Nickel	NA	ND	ND	0.026
Potassium	NA	5.4	4.9	7.3
Selenium	NA	ND	ND	ND
Silver	NA	ND	ND	ND
Sodium	NA	43	5.2	4.5
Thallium	NA	ND	ND	ND
Vanadium	NA	ND	ND	ND
Zinc	NA	ND	ND	ND
SW7060 - Arsenic (mg/L)	NA	ND	ND	0.019
Arsenic				
SW7421 - Lead (mg/L)	NA	0.0036 B	0.0037 B	0.004 B
Lead				

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	03	03	04	04
	03-GW-03	03-GW-04	04-MW-02	04-MW-03
	03-DS-02 Dup of 03-GW-03-01	03-GW-04-01	04-MW-02-01	04-MW-03-01
SW7470 - Mercury (mg/L)				
Mercury	NA	ND	[1] 0.00031 B (0.00018)	[1] 0.00034 B (0.00018)
SW7740 - Selenium (mg/L)				
Selenium	NA	ND	[1] (0.005)	[1] ND (0.005)

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW7740 - Selenium (mg/L) Selenium		04	04	04
		04-SW-01	04-SW-02	04-SW-03
		04-SW-01-01	04-SW-02-01	04-SW-03-01
		04-DS-03 Dup of 04-SW-01-01		
	ND	(0.005)	[1]	ND
			[1]	(0.005)
		ND	[1]	ND
			[1]	(0.005)
				[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	04					05				
	LOCATION ID SAMPLE ID					LOCATION ID SAMPLE ID				
	04-SW-04 04-SW-04-01					05-MW-01 05-MW-01-01				
						05-MW-02 05-MW-02-01				
						05-MW-03 05-MW-03-01				
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	(0.1)
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)
Barium	0.057	(0.01)	[1]	0.33	(0.01)	[1]	0.16	(0.01)	[1]	(0.01)
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	(0.002)
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	(0.005)
Calcium	33	(1)	[1]	210	(1)	[1]	120	(1)	[1]	(1)
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	(0.01)
Cobalt	ND	(0.01)	[1]	0.021	(0.01)	[1]	ND	(0.01)	[1]	(0.01)
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	(0.02)
Iron	0.33 B	(0.05)	[1]	19	(0.05)	[1]	ND	(0.05)	[1]	(0.05)
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	(0.05)
Magnesium	6.5	(1)	[1]	41	(1)	[1]	26	(1)	[1]	(1)
Manganese	0.075	(0.01)	[1]	12	(0.01)	[1]	0.17	(0.01)	[1]	(0.01)
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	(0.05)
Nickel	ND	(0.02)	[1]	0.026	(0.02)	[1]	ND	(0.02)	[1]	(0.02)
Potassium	4.1	(3)	[1]	4.4	(3)	[1]	3.6	(3)	[1]	(3)
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	(0.01)
Sodium	2	(1)	[1]	9.1	(1)	[1]	4.2	(1)	[1]	(1)
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	(0.1)
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	(0.02)
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	(0.02)
SW7060 - Arsenic (mg/L)										
Arsenic	ND	(0.004)	[1]	0.0047	(0.004)	[1]	ND	(0.004)	[1]	(0.004)
SW7421 - Lead (mg/L)										
Lead	0.0096	(0.003)	[1]	ND	(0.003)	[1]	0.0037 B	(0.003)	[1]	(0.003)
SW7470 - Mercury (mg/L)										
Mercury	ND	(0.00018)	[1]	ND	(0.00018)	[1]	0.00035	(0.00018)	[1]	(0.00018)

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
-----	04	05	05	05	05	05
	04-SW-04	05-MW-01	05-MW-01	05-MW-02	05-MW-03	05-MW-03
	04-SW-04-01	05-MW-01-01	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-03-01
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium						

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-MW-07	05-MW-08	05-MW-09
	05-MW-04-01	05-MW-05-01	05-MW-06-01	05-MW-07-01	05-MW-08-01	05-MW-09-01
<hr/>						
E160.1 - Residue, Filterable (TDS) (mg/L)	NA	NA	770	(10) [1.000000]	NA	
Total dissolved solids						
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	(0.2)	[1]	(0.2)
Antimony	ND	(0.1)	[1]	(0.1)	[1]	(0.1)
Arsenic	ND	(0.3)	[1]	(0.3)	[1]	(0.3)
Barium	1	(0.01)	[1]	(0.01)	[1]	(0.01)
Beryllium	ND	(0.002)	[1]	(0.002)	[1]	(0.002)
Cadmium	ND	(0.005)	[1]	(0.005)	[1]	(0.005)
Calcium	270	(1)	[1]	(1)	[1]	(1)
Chromium	ND	(0.01)	[1]	(0.01)	[1]	(0.01)
Cobalt	0.031	(0.01)	[1]	(0.01)	[1]	(0.01)
Copper	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
Iron	84	(0.05)	[1]	(0.05)	[1]	(0.05)
Lead	ND	(0.05)	[1]	(0.05)	[1]	(0.05)
Magnesium	54	(1)	[1]	(1)	[1]	(1)
Manganese	30	(0.01)	[1]	(0.01)	[1]	(0.01)
Molybdenum	ND	(0.05)	[1]	(0.05)	[1]	(0.05)
Nickel	0.028	(0.02)	[1]	(0.02)	[1]	(0.02)
Potassium	4.9	(3)	[1]	(3)	[1]	(3)
Selenium	ND	(0.3)	[1]	(0.3)	[1]	(0.3)
Silver	ND	(0.01)	[1]	(0.01)	[1]	(0.01)
Sodium	7.7	(1)	[1]	(1)	[1]	(1)
Thallium	ND	(0.1)	[1]	(0.1)	[1]	(0.1)
Vanadium	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
Zinc	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
SW7060 - Arsenic (mg/L)	0.021	(0.004)	[1]	0.028	(0.004)	0.0047
Arsenic						
SW7421 - Lead (mg/L)	ND	(0.003)	[1]	0.0034 B	(0.003)	0.0031 B
Lead						

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor UN = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-08 05-MW-08-01		05-MW-09 05-MW-09-01		05-MW-09 05-MW-09-01		05-MW-09 05-MW-09-01		05-MW-10 05-MW-10-01	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID

SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Barium	0.17	(0.01)	[1]	0.11	(0.01)	[1]	0.12	(0.01)	[1]	0.56
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND
Calcium	200	(1)	[1]	180	(1)	[1]	180	(1)	[1]	180
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Cobalt	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	0.028
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Iron	ND	(0.05)	[1]	ND	(0.05)	[1]	0.21 B	(0.05)	[1]	4.3
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Magnesium	44	(1)	[1]	43	(1)	[1]	45	(1)	[1]	40
Manganese	0.025	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	27
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Nickel	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	0.038
Potassium	5.5	(3)	[1]	4.9	(3)	[1]	4.7	(3)	[1]	6.2
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Sodium	9	(1)	[1]	7.3	(1)	[1]	7.4	(1)	[1]	6.3
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Zinc	0.046	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
SW7060 - Arsenic (mg/L)										
Arsenic	ND	(0.004)	[1]	ND	(0.004)	[1]	ND	(0.004)	[1]	ND
SW7421 - Lead (mg/L)										
Lead	ND	(0.003)	[1]	0.0053 B	(0.003)	[1]	ND	(0.003)	[1]	0.003 B
SW7470 - Mercury (mg/L)										
Mercury	0.00035	(0.00018)	[1]	0.00032 B	(0.00018)	[1]	0.00036	(0.00018)	[1]	0.00038
										(0.00018)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor UN = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	05 05-MW-11 05-MW-11-01	05 05-MW-12 05-MW-12-01	05 05-DS-09 Dup of 05-MW-12-01	05 05-MW-12 05-SW-01 05-SW-01-01	
SW6010 - Metals (mg/L)					
Aluminum	ND	ND	0.21	ND	[1] (0.2) [1]
Antimony	ND	ND	ND	ND	[1] (0.1) [1]
Arsenic	ND	ND	ND	ND	[1] (0.3) [1]
Barium	0.26	0.18	1.2	0.076	[1] (0.01) [1] (0.01) [1]
Beryllium	ND	ND	ND	ND	[1] (0.002) [1] (0.002) [1]
Cadmium	ND	ND	ND	ND	[1] (0.005) [1] (0.005) [1]
Calcium	260	260	210	43	[1] (1) [1] (1) [1]
Chromium	ND	ND	ND	ND	[1] (0.01) [1] (0.01) [1]
Cobalt	0.014	ND	0.011	ND	[1] (0.01) [1] (0.01) [1]
Copper	ND	ND	ND	ND	[1] (0.02) [1] (0.02) [1]
Iron	4.5	ND	110	0.79	[1] (0.05) [1] (0.05) [1]
Lead	ND	ND	ND	ND	[1] (0.05) [1] (0.05) [1]
Magnesium	60	58	40	7.9	[1] (1) [1] (1) [1]
Manganese	14	ND	18	0.14	[1] (0.01) [1] (0.01) [1]
Molybdenum	ND	ND	ND	ND	[1] (0.05) [1] (0.05) [1]
Nickel	0.032	ND	0.02	ND	[1] (0.02) [1] (0.02) [1]
Potassium	5.7	6.2	4.1	4.8	[1] (3) [1] (3) [1]
Selenium	ND	ND	ND	ND	[1] (0.3) [1] (0.3) [1]
Silver	ND	ND	ND	ND	[1] (0.01) [1] (0.01) [1]
Sodium	11	15	9.3	1.8	[1] (1) [1] (1) [1]
Thallium	ND	ND	ND	ND	[1] (0.1) [1] (0.1) [1]
Vanadium	ND	ND	ND	ND	[1] (0.02) [1] (0.02) [1]
Zinc	ND	ND	ND	ND	[1] (0.02) [1] (0.02) [1]
SW7060 - Arsenic (mg/L)	0.0081	ND	0.028	0.0074	[1] (0.004) [1] (0.004) [1]
Arsenic					
SW7421 - Lead (mg/L)	0.014	0.011	0.0086	ND	[1] (0.003) [1] (0.003) [1]
Lead					
SW7470 - Mercury (mg/L)	ND	ND	0.00021 B	ND	[1] (0.00018) [1] (0.00018) [1]
Mercury					

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor UN = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	05	05	05	05	06	06
	05-SW-02	05-SW-03	05-SW-03	05-SW-03	06-MW-01	06-MW-01
	05-SW-02-01	05-SW-03-01	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-01-01
SW7740 - Selenium (mg/L)	ND	ND	ND	ND	ND	ND
Selenium	(0.005)	[1]	(0.005)	[1]	(0.005)	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	06		06		06	
	06-MW-02	06-MW-02-01	06-MW-03	06-MW-03-01	06-DS-08 Dup of 06-MW-03-01	06-MW-04 06-MW-04-01
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]
Barium	0.25	(0.01)	[1]	0.3	(0.01)	[1]
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]
Calcium	230	(1)	[1]	190	(1)	[1]
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]
Cobalt	ND	(0.01)	[1]	ND	(0.01)	[1]
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]
Iron	0.091 B	(0.05)	[1]	0.35 B	(0.05)	[1]
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]
Magnesium	53	(1)	[1]	33	(1)	[1]
Manganese	1.9	(0.01)	[1]	0.43	(0.01)	[1]
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]
Nickel	ND	(0.02)	[1]	ND	(0.02)	[1]
Potassium	4	(3)	[1]	5	(3)	[1]
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]
Sodium	13	(1)	[1]	21	(1)	[1]
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]
SW7060 - Arsenic (mg/L)	ND	(0.004)	[1]	ND	(0.004)	[1]
Arsenic						
SW7421 - Lead (mg/L)	0.017	(0.003)	[1]	ND	(0.003)	[1]
Lead						
SW7470 - Mercury (mg/L)	ND	(0.00018)	[1]	0.00035	(0.00018)	[1]
Mercury						

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER

Selenium

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	06 06-MW-06	06 06-SW-01	06 06-SW-01-01	06 06-SW-01	06 06-SW-01-01	06 06-SW-01	06 06-SW-01-01	06 06-SW-01-01	06 06-SW-01-01	06 06-SW-01-01
	06 06-MW-06-01	06 06-SW-01	06 06-SW-01-01	06 06-SW-01	06 06-SW-01-01	06 06-SW-01	06 06-SW-01-01	06 06-SW-01-01	06 06-SW-01-01	06 06-SW-01-01
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Antimony	ND	(0.1)	[1]	0.11	(0.1)	[1]	0.12	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Barium	0.43	(0.01)	[1]	0.32	(0.01)	[1]	0.32	(0.01)	[1]	0.4
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND
Calcium	210	(1)	[1]	190	(1)	[1]	190	(1)	[1]	190
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Cobalt	0.024	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	0.016
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Iron	8.8	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	31
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Magnesium	37	(1)	[1]	35	(1)	[1]	35	(1)	[1]	34
Manganese	22	(0.01)	[1]	3.2	(0.01)	[1]	3.1	(0.01)	[1]	6
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Nickel	0.02	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Potassium	5	(3)	[1]	15	(3)	[1]	14	(3)	[1]	13
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Sodium	30	(1)	[1]	40	(1)	[1]	39	(1)	[1]	36
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	0.02
SW7060 - Arsenic (mg/L)										
Arsenic	0.0061	(0.004)	[1]	0.0049	(0.004)	[1]	0.0052	(0.004)	[1]	0.016
SW7421 - Lead (mg/L)										
Lead	0.0058 B	(0.003)	[1]	ND	(0.003)	[1]	ND	(0.003)	[1]	ND
SW7470 - Mercury (mg/L)										
Mercury	ND	(0.00018)	[1]	0.00027 B	(0.00018)	[1]	0.00029 B	(0.00018)	[1]	0.00029 B

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
SW7740 - Selenium (mg/L) Selenium	06	06	06	06	06	06
	06-MW-06	06-SW-01	06-SW-01	06-SW-01	06-SW-02	06-SW-02
	06-MW-06-01	06-SW-01-01	06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-02-01	06-SW-02-01
	ND	(0.005)	[1]	ND	(0.005)	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		07		07	
	SAMPLE ID		07-MW-01		07-MW-02	
	07-MW-01-01		07-DS-09 Dup of 07-MW-01-01		07-DS-10 Dup of 07-MW-02-01	
	(10)	[1.000000]	(10)	[1.000000]	(10)	[1.000000]
E160.1 - Residue, Filterable (TDS) (mg/L)	620		640		900	
Total dissolved solids	ND	[1]	ND	[1]	ND	[1]
SW6010 - Metals (mg/L)	0.12	(0.1)	ND	(0.1)	ND	(0.2)
Aluminum	ND	(0.3)	ND	(0.3)	ND	(0.1)
Antimony	ND	(0.01)	0.5	(0.01)	0.69	(0.01)
Arsenic	0.5	(0.002)	ND	(0.002)	ND	(0.002)
Barium	ND	(0.005)	0.0051	(0.005)	ND	(0.005)
Beryllium	ND	(1)	100	(1)	97	(1)
Cadmium	95	(0.01)	ND	(0.01)	ND	(0.01)
Calcium	ND	(0.01)	ND	(0.01)	ND	(0.01)
Chromium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Cobalt	ND	(0.05)	6	(0.05)	9.4	(0.05)
Copper	6.3	(0.05)	ND	(0.05)	ND	(0.05)
Iron	0.054	(1)	73	(1)	90	(1)
Lead	70	(0.01)	0.95	(0.01)	0.41	(0.01)
Magnesium	0.82	(0.05)	ND	(0.05)	ND	(0.05)
Manganese	ND	(0.02)	ND	(0.02)	ND	(0.02)
Molybdenum	0.021	(3)	4.6	(3)	5.2	(3)
Nickel	4.4	(0.3)	ND	(0.3)	ND	(0.3)
Potassium	ND	(0.01)	ND	(0.01)	ND	(0.01)
Selenium	ND	(0.1)	24	(0.1)	59	(0.1)
Silver	23	(0.02)	ND	(0.02)	ND	(0.02)
Sodium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Thallium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Vanadium	ND	(0.04)	0.0085	(0.04)	0.0057	(0.04)
Zinc	0.0075	(0.003)	[1]	[1]	[1]	[1]
SW7060 - Arsenic (mg/L)	0.017	(0.003)	[1]	(0.003)	[1]	(0.003)
Arsenic						
SW7421 - Lead (mg/L)						
Lead						

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	07	07	07	07
	07-MW-01	07-MW-01	07-MW-02	07-MW-02
	07-MW-01-01	07-DS-09 Dup of 07-MW-01-01	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01
SW7470 - Mercury (mg/L)				
Mercury	0.0003 B (0.00018)	[1] 0.0003 B (0.00018)	[1] 0.0003 B (0.00018)	[1] 0.00032 B (0.00018)
SW7740 - Selenium (mg/L)				
Selenium	ND (0.005)	[1] ND (0.005)	[1] ND (0.005)	[1] ND (0.005)

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	07	07	07	07	07	07
	07-MW-03	07-MW-04	07-SW-01	07-SW-02	07-SW-01	07-SW-02
	07-MW-03-01	07-MW-04-01	07-SW-01-01	07-SW-02-01	07-SW-01-01	07-SW-02-01
E160.1 - Residue, Filterable (TDS)	870	840	6300	2000	(10)	(10)
Total dissolved solids	(10) [1.0000000]	(10) [1.0000000]	(10) [1.0000000]	(10) [1.0000000]	(10) [1.0000000]	(10) [1.0000000]
SW6010 - Metals (mg/L)						
Aluminum	ND	ND	ND	ND	[1]	(0.2)
Antimony	ND	ND	0.12	0.18	[1]	(0.1)
Arsenic	ND	ND	ND	ND	[1]	(0.3)
Barium	0.14	0.17	0.82	0.74	[1]	(0.01)
Beryllium	ND	ND	ND	ND	[1]	(0.002)
Cadmium	ND	ND	ND	ND	[1]	(0.005)
Calcium	110	120	270	220	[1]	(1)
Chromium	ND	ND	ND	ND	[1]	(0.01)
Cobalt	ND	ND	ND	ND	[1]	(0.01)
Copper	ND	ND	ND	ND	[1]	(0.02)
Iron	1.3	1.2	7.6	60	[1]	(0.05)
Lead	ND	ND	ND	ND	[1]	(0.05)
Magnesium	100	82	140	96	[1]	(1)
Manganese	1.2	2.1	2.1	2.2	[1]	(0.01)
Molybdenum	ND	ND	ND	ND	[1]	(0.05)
Nickel	ND	ND	ND	ND	[1]	(0.02)
Potassium	4.5	6.1	7.1	ND	[1]	(3)
Selenium	ND	ND	ND	ND	[1]	(0.3)
Silver	ND	ND	ND	ND	[1]	(0.01)
Sodium	29	35	1800	330	[4]	(1)
Thallium	ND	ND	ND	ND	[1]	(0.1)
Vanadium	ND	ND	ND	ND	[1]	(0.02)
Zinc	ND	ND	0.022	ND	[1]	(0.02)
SW7060 - Arsenic (mg/L)	ND	ND	ND	0.0069	[1]	(0.004)
Arsenic						
SW7421 - Lead (mg/L)	0.0034 B	ND	0.046	0.01	[1]	(0.003)
Lead						

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		07	07	07
	07-MW-03	07-MW-04	07-SW-01	07-SW-02
	07-MW-03-01	07-MW-04-01	07-SW-01-01	07-SW-02-01
SW7470 - Mercury (mg/L)				
Mercury	0.00031 B	[1] 0.00029 B (0.00018)	[1] ND (0.00018)	[1] ND (0.00018)
SW7740 - Selenium (mg/L)				
Selenium	ND (0.005)	[1] ND (0.005)	[1] ND (0.005)	[1] ND (0.005)

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	09		09		09		09		09	
	09-MW-01		09-MW-01		09-DS-07 Dup of 09-MW-01-01		09-MW-02		09-MW-03	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Barium	0.3	(0.01)	[1]	0.29	(0.01)	[1]	0.22	(0.01)	[1]	0.38
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND
Calcium	160	(1)	[1]	160	(1)	[1]	150	(1)	[1]	160
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Cobalt	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Iron	22	(0.05)	[1]	20	(0.05)	[1]	2.9	(0.05)	[1]	9.6
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Magnesium	29	(1)	[1]	28	(1)	[1]	17	(1)	[1]	23
Manganese	4	(0.01)	[1]	3.8	(0.01)	[1]	0.96	(0.01)	[1]	1.1
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Nickel	ND	(0.02)	[1]	0.024	(0.02)	[1]	ND	(0.02)	[1]	ND
Potassium	5.1	(3)	[1]	4.9	(3)	[1]	3.1	(3)	[1]	4.6
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Sodium	15	(1)	[1]	15	(1)	[1]	8.4	(1)	[1]	34
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Zinc	ND	(0.02)	[1]	0.021	(0.02)	[1]	ND	(0.02)	[1]	ND
SW7060 - Arsenic (mg/L)	ND	(0.004)	[1]	ND	(0.004)	[1]	ND	(0.004)	[1]	0.0043
Arsenic										
SW7421 - Lead (mg/L)	ND	(0.003)	[1]	0.039	(0.003)	[1]	ND	(0.003)	[1]	0.018
Lead										
SW7470 - Mercury (mg/L)	0.00036	(0.00018)	[1]	0.00036	(0.00018)	[1]	ND	(0.00018)	[1]	0.00034 B
Mercury										

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-01	09-MW-01	09-MW-01	09-MW-02	09-MW-02-01	09-MW-03
	09-MW-01-01	09-MW-01-01	09-MW-01-01	09-MW-02-01	09-MW-02-01	09-MW-03-01
		09-DS-07 Dup of 09-MW-01-01				
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium				ND	(0.005)	[1]
				ND	(0.005)	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	09					09				
	LOCATION ID					LOCATION ID				
	SAMPLE ID					SAMPLE ID				
	09-MW-03					09-MW-04				
	09-DS-08 Dup of 09-MW-03-01					09-MW-04-01				
	09					09				
	09-MW-03					09-MW-05				
	09-MW-03					09-MW-05-01				
	09-MW-03					09-MW-06-01				
	09-MW-03					09-MW-06-01				
	09-MW-03					09-MW-06-01				
	09-MW-03					09-MW-06-01				
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	09-MW-03					09-MW-06-01				
	09-MW-03					09-MW-06-01				
	09-MW-03					09-MW-06-01				
	09-MW-03					09-MW-				

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09-MW-03	09	09-MW-04	09	09-MW-06
	09-DS-08 Dup of 09-MW-03-01		09-MW-04-01	09-MW-05-01	09-MW-06-01	
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium						

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID	
	09-MW-07	09-MW-08	09-MW-10	09-MW-11	09-MW-11-01	
	09-MW-07-01	09-MW-08-01	09-MW-10-01	09-MW-11-01	09-MW-11-01	
SW6010 - Metals (mg/L)						
Aluminum	ND	ND	ND	ND	ND	[1]
Antimony	ND	ND	ND	ND	ND	[1]
Arsenic	ND	ND	ND	ND	ND	[1]
Barium	0.16	0.73	0.65	1.1	1.1	[1]
Beryllium	ND	ND	ND	ND	ND	[1]
Cadmium	ND	ND	ND	ND	ND	[1]
Calcium	170	190	150	210	210	[1]
Chromium	ND	ND	ND	ND	ND	[1]
Cobalt	ND	0.027	0.052	0.015	0.015	[1]
Copper	ND	ND	ND	ND	ND	[1]
Iron	ND	130	65	110	110	[1]
Lead	ND	ND	ND	ND	ND	[1]
Magnesium	40	28	24	33	33	[1]
Manganese	ND	16	9	15	15	[1]
Molybdenum	ND	ND	ND	ND	ND	[1]
Nickel	ND	0.033	0.039	ND	ND	[1]
Potassium	5	3.4	4.3	7.9	7.9	[1]
Selenium	ND	ND	ND	ND	ND	[1]
Silver	ND	ND	ND	ND	ND	[1]
Sodium	7.5	7.1	8.2	6.8	6.8	[1]
Thallium	ND	ND	ND	ND	ND	[1]
Vanadium	ND	ND	ND	ND	ND	[1]
Zinc	ND	ND	ND	ND	ND	[1]
SW7060 - Arsenic (mg/L)	ND	0.029	0.013	0.025	0.025	[1]
Arsenic	ND	0.029	0.013	0.025	0.025	[1]
SW7421 - Lead (mg/L)	0.0065 B	ND	0.02	0.014	0.014	[1]
Lead	0.0065 B	ND	0.02	0.014	0.014	[1]
SW7470 - Mercury (mg/L)	0.00037	ND	ND	ND	ND	[1]
Mercury	0.00037	ND	ND	ND	ND	[1]

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-07	09-MW-08	09-MW-10	09-MW-11	09-MW-11-01	09-MW-11-01
	09-MW-07-01	09-MW-08-01	09-MW-10-01			
SW7740 - Selenium (mg/L)						
Selenium	0.0063	(0.005)	[1]	ND	(0.005)	[1]
			[1]	ND	(0.005)	[1]
			[1]	ND	(0.005)	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		10	
	09-MW-12	09-MW-12-01	09-MW-14	09-MW-14-01	10-MW-01	10-MW-02
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]
Barium	0.8	(0.01)	[1]	0.13	(0.01)	[1]
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]
Calcium	230	(1)	[1]	170	(1)	[1]
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]
Cobalt	0.026	(0.01)	[1]	ND	(0.01)	[1]
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]
Iron	130	(0.05)	[1]	ND	(0.05)	[1]
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]
Magnesium	47	(1)	[1]	36	(1)	[1]
Manganese	2.9	(0.01)	[1]	0.032	(0.01)	[1]
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]
Nickel	0.053	(0.02)	[1]	ND	(0.02)	[1]
Potassium	10	(3)	[1]	5.1	(3)	[1]
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]
Sodium	27	(1)	[1]	15	(1)	[1]
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]
SW7060 - Arsenic (mg/L)						
Arsenic	0.06	(0.004)	[1]	ND	(0.004)	[1]
SW7421 - Lead (mg/L)						
Lead	0.0081 B	(0.003)	[1]	ND	(0.003)	[1]
SW7470 - Mercury (mg/L)						
Mercury	ND	(0.00018)	[1]	0.00036	(0.00018)	[1]

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09	09	10	10	10
	09-MW-12	09-MW-14	09-MW-14	10-MW-01	10-MW-01	10-MW-02
	09-MW-12-01	09-MW-14-01	09-MW-14-01	10-MW-01-02	10-MW-01-02	10-MW-02-02
SW7740 - Selenium (mg/L)	ND	ND	[1]	[1]	ND	(0.005)
Selenium	(0.005)	[1]	[1]	[1]	[1]	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	10					11				
	LOCATION ID SAMPLE ID					LOCATION ID SAMPLE ID				
	10	10	10	10	10	11	11	11	11	11
	10-MW-02	10-MW-03	10-MW-02-02	10-MW-03-02	10-MW-02-02	10-MW-01-01	10-MW-01-01	11-MW-02	11-MW-02-01	11-MW-02-01
10-DS-06 Dup of 10-MW-02-02										
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Antimony	0.12	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Barium	0.95	(0.01)	[1]	0.23	(0.01)	[1]	0.2	(0.01)	[1]	0.44
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND
Calcium	160	(1)	[1]	180	(1)	[1]	260	(1)	[1]	200
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Cobalt	0.013	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	0.032
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Iron	140	(0.05)	[1]	1.6	(0.05)	[1]	ND	(0.05)	[1]	2.6
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Magnesium	25	(1)	[1]	21	(1)	[1]	43	(1)	[1]	34
Manganese	8.5	(0.01)	[1]	0.57	(0.01)	[1]	ND	(0.01)	[1]	30
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Nickel	ND	(0.02)	[1]	0.021	(0.02)	[1]	ND	(0.02)	[1]	0.042
Potassium	5.4	(3)	[1]	4	(3)	[1]	5.9	(3)	[1]	3.6
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Sodium	27	(1)	[1]	12	(1)	[1]	19	(1)	[1]	15
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Zinc	ND	(0.02)	[1]	0.023	(0.02)	[1]	ND	(0.02)	[1]	ND
SW7060 - Arsenic (mg/L)										
Arsenic	0.037	(0.004)	[1]	ND	(0.004)	[1]	ND	(0.004)	[1]	0.005
SW7421 - Lead (mg/L)										
Lead	0.021	(0.003)	[1]	0.02	(0.003)	[1]	ND	(0.003)	[1]	0.018
SW7470 - Mercury (mg/L)										
Mercury	0.0003 B	(0.00018)	[1]	0.0003 B	(0.00018)	[1]	ND	(0.00018)	[1]	ND

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
SW7740 - Selenium (mg/L) Selenium	10	10	10	10	11	11
	10-MW-02	10-MW-03	10-MW-03	10-MW-03	11-MW-01	11-MW-02
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	10-MW-03-02	10-MW-03-02	11-MW-01-01	11-MW-02-01
	ND	(0.005)	[1]	ND	(0.005)	[1]
				0.007	(0.005)	[1]
				[1]	[1]	[1]
				ND	ND	(0.005)
						[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	12		12	
	12-MW-01	12-MW-02	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01		

SW6010 - Metals (mg/L)				
Aluminum	ND	(0.2)	[1]	ND (0.2) [1]
Antimony	ND	(0.1)	[1]	ND (0.1) [1]
Arsenic	ND	(0.3)	[1]	ND (0.3) [1]
Barium	0.18	(0.01)	[1]	0.18 (0.01) [1]
Beryllium	ND	(0.002)	[1]	ND (0.002) [1]
Cadmium	ND	(0.005)	[1]	ND (0.005) [1]
Calcium	150	(1)	[1]	150 (1) [1]
Chromium	ND	(0.01)	[1]	ND (0.01) [1]
Cobalt	ND	(0.01)	[1]	ND (0.01) [1]
Copper	ND	(0.02)	[1]	ND (0.02) [1]
Iron	0.059 B	(0.05)	[1]	0.053 B (0.05) [1]
Lead	ND	(0.05)	[1]	ND (0.05) [1]
Magnesium	27	(1)	[1]	28 (1) [1]
Manganese	0.034	(0.01)	[1]	ND (0.01) [1]
Molybdenum	ND	(0.05)	[1]	ND (0.05) [1]
Nickel	ND	(0.02)	[1]	ND (0.02) [1]
Potassium	3.5	(3)	[1]	3.4 (3) [1]
Selenium	ND	(0.3)	[1]	ND (0.3) [1]
Silver	ND	(0.01)	[1]	ND (0.01) [1]
Sodium	5.9	(1)	[1]	5.6 (1) [1]
Thallium	ND	(0.1)	[1]	ND (0.1) [1]
Vanadium	ND	(0.02)	[1]	ND (0.02) [1]
Zinc	ND	(0.02)	[1]	ND (0.02) [1]
SW7060 - Arsenic (mg/L)				
Arsenic	ND	(0.004)	[1]	ND (0.004) [1]
SW7421 - Lead (mg/L)				
Lead	0.0085	(0.003)	[1]	0.0046 B (0.003) [1]
SW7470 - Mercury (mg/L)				
Mercury	ND	(0.00018)	[1]	ND (0.00018) [1]

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
-----	12	12
	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01

SW7740 - Selenium (mg/L)	ND	(0.005)
Selenium	[1]	ND (0.005) [1]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	01	01	01	01	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-01	01-MW-02	5 - 7	5 - 7	01-SB-01	01-SB-01	01-SB-01	01-SB-01
	01-MW-01-02	01-MW-02-02	01-MW-01-02	01-MW-02-02	5 - 7	5 - 7	01-SB-01-01	01-SB-01-01	01-SB-01-02	01-SB-01-02
	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	3 - 5	3 - 5	8 - 10	8 - 10

SW8015WEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	27	(27)	[133]		ND	(24)	[122]		100	(24)
Gasoline Range Organics (2)	ND	(13)	[128]		16 B	(12)	[122]		ND	(230)
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	3.9	(0.44)	[44.48398]		3.3	(0.41)	[41.00041]		13	(0.4)
4,4'-DDE	1.5	(0.44)	[44.48398]		2.1	(0.41)	[41.00041]		1.6	(0.4)
4,4'-DDT	6.3	(0.89)	[44.48398]		4.2	(0.82)	[41.00041]		1.1	(0.79)
Aldrin	0.04 PJB	(0.44)	[44.48398]		ND	(0.41)	[41.00041]		0.6 B	(0.4)
Chlordane	ND	(2.2)	[44.48398]		ND	(2.1)	[41.00041]		ND	(2)
Dieldrin	0.42 KJ	(0.44)	[44.48398]		ND	(0.41)	[41.00041]		ND	(0.4)
Endosulfan I	ND	(0.44)	[44.48398]		ND	(0.41)	[41.00041]		0.49 B	(0.4)
Endosulfan II	1.1 KJB	(1.3)	[44.48398]		0.92 KJB	(1.2)	[41.00041]		0.7 KJB	(1.2)
Endosulfan Sulfate	ND	(2.2)	[44.48398]		ND	(2.1)	[41.00041]		ND	(2)
Endrin	ND	(0.44)	[44.48398]		ND	(0.41)	[41.00041]		ND	(0.4)
Endrin Aldehyde	ND	(0.89)	[44.48398]		0.19 KJB	(0.82)	[41.00041]		0.052 PJB	(0.79)
Heptachlor	ND	(0.44)	[44.48398]		ND	(0.41)	[41.00041]		ND	(0.4)
Heptachlor epoxide	0.056 PJB	(0.44)	[44.48398]		0.14 JB	(0.41)	[41.00041]		0.23 PJB	(0.4)
Methoxychlor	0.27 KJ	(2.2)	[44.48398]		0.12 KJ	(2.1)	[41.00041]		ND	(2)
PCB-1016	ND	(4.4)	[44.48398]		ND	(4.1)	[41.00041]		ND	(4)
PCB-1221	ND	(8.9)	[44.48398]		ND	(8.2)	[41.00041]		ND	(7.9)
PCB-1232	ND	(8.9)	[44.48398]		ND	(8.2)	[41.00041]		ND	(7.9)
PCB-1242	ND	(4.4)	[44.48398]		ND	(4.1)	[41.00041]		ND	(4)
PCB-1248	ND	(4.4)	[44.48398]		ND	(4.1)	[41.00041]		ND	(4)
PCB-1254	ND	(8.9)	[44.48398]		ND	(8.2)	[41.00041]		ND	(7.9)
PCB-1260	ND	(8.9)	[44.48398]		ND	(8.2)	[41.00041]		ND	(7.9)
Toxaphene	ND	(22)	[44.48398]		ND	(21)	[41.00041]		ND	(20)
alpha-BHC	0.32 KJB	(0.44)	[44.48398]		0.26 KJB	(0.41)	[41.00041]		0.24 KJB	(0.4)
beta-BHC	0.013 PJB	(0.44)	[44.48398]		ND	(0.41)	[41.00041]		ND	(0.4)
delta-BHC	ND	(0.44)	[44.48398]		0.29 KJB	(0.41)	[41.00041]		0.45 PB	(0.4)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	01		01		01		01		01		01		01			
	01-MW-01		01-MW-02		01-MW-02		01-MW-02-02		01-MW-02-02		01-SB-01		01-SB-01-01			
	5 - 7		5 - 7		5 - 7		5 - 7		5 - 7		3 - 5		8 - 10			
gamma-BHC	1.4 B	(0.44)	[44.48398]	0.47 B	(0.41)	[41.00041]	0.54 PB	(0.4)	[39.72983]	0.44 B	(0.41)	[41.33939]				
SW8240 - Volatile Organics (ug/kg)																
1,1,1-Trichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
1,1,2,2-Tetrachloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
1,1,2-Trichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
1,1-Dichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
1,1-Dichloroethene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
1,2-Dichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
1,2-Dichloropropane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
2-Chloroethyl vinyl ether	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]				
2-Hexanone	ND	(67)	[1.338688]	ND	(62)	[1.234567]	ND	(1300)	[26.10966]	ND	(62)	[1.242236]				
4-Methyl-2-pentanone(MIBK)	ND	(67)	[1.338688]	ND	(62)	[1.234567]	ND	(1300)	[26.10966]	ND	(62)	[1.242236]				
Acetone	ND	(130)	[1.338688]	ND	(120)	[1.234567]	ND	(2600)	[26.10966]	ND	(120)	[1.242236]				
Benzene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Bromodichloromethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Bromomethane	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]				
Carbon disulfide	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Carbon tetrachloride	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Chlorobenzene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Chloroethane	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]				
Chloroform	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Chloromethane	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]				
Dibromochloromethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Ethyl benzene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Methyl ethyl ketone	ND	(130)	[1.338688]	ND	(120)	[1.234567]	ND	(2600)	[26.10966]	ND	(120)	[1.242236]				
Methylene chloride	ND	(6.7)	[1.338688]	11 B	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Styrene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Tetrachloroethene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				
Toluene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]				

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	01	01	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-01	01-MW-02	01-SB-01	01-SB-02	01-SB-01	01-SB-02
	5 - 7	5 - 7	5 - 7	5 - 7	3 - 5	8 - 10	3 - 5	8 - 10

Tribromomethane(Bromoform)	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
Trichloroethene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
Vinyl acetate	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
Vinyl chloride	ND	(13) [1.338688]	ND	(12) [1.234567]	ND	(260) [26.10966]	ND	(12) [1.242236]
Xylenes	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	53 J	(130) [26.10966]	ND	(6.2) [1.242236]
cis-1,3-Dichloropropene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
trans-1,2-Dichloroethene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
trans-1,3-Dichloropropene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(80) [44.58314]	ND	(220) [122.6993]	ND	(2100) [1190.476]	7.6 J	(220) [124.2236]
Acenaphthylene	ND	(100) [44.58314]	ND	(280) [122.6993]	ND	(2700) [1190.476]	ND	(290) [124.2236]
Anthracene	ND	(29) [44.58314]	ND	(81) [122.6993]	680 J	(790) [1190.476]	ND	(82) [124.2236]
Benzo(a)anthracene	ND	(0.58) [44.58314]	0.7 J	(1.6) [122.6993]	1400	(150) [1190.476]	0.63 J	(1.6) [124.2236]
Benzo(a)pyrene	1	(1) [44.58314]	0.92 J	(2.8) [122.6993]	1500	(270) [1190.476]	1.4 J	(2.9) [124.2236]
Benzo(b)fluoranthene	ND	(0.8) [44.58314]	1.7 J	(2.2) [122.6993]	940	(210) [1190.476]	3.1	(2.2) [124.2236]
Benzo(g,h,i)perylene	ND	(3.4) [44.58314]	12	(9.3) [122.6993]	750 J	(900) [1190.476]	8.1 J	(9.4) [124.2236]
Benzo(k)fluoranthene	ND	(0.76) [44.58314]	0.53 J	(2.1) [122.6993]	650	(200) [1190.476]	ND	(2.1) [124.2236]
Chrysene	ND	(6.7) [44.58314]	ND	(18) [122.6993]	2900	(1800) [1190.476]	ND	(19) [124.2236]
Dibenzo(a,h)anthracene	ND	(1.3) [44.58314]	ND	(3.7) [122.6993]	260	(36) [1190.476]	ND	(3.7) [124.2236]
Fluoranthene	ND	(9.4) [44.58314]	ND	(26) [122.6993]	4200	(2500) [1190.476]	ND	(26) [124.2236]
Fluorene	ND	(9.4) [44.58314]	ND	(26) [122.6993]	79 J	(250) [1190.476]	ND	(26) [124.2236]
Indeno(1,2,3-cd)pyrene	ND	(1.9) [44.58314]	7.4	(5.3) [122.6993]	73	(51) [1190.476]	5.8	(5.3) [124.2236]
Naphthalene	ND	(80) [44.58314]	ND	(220) [122.6993]	260 J	(2100) [1190.476]	ND	(220) [124.2236]
Phenanthrene	ND	(29) [44.58314]	110	(79) [122.6993]	1300	(760) [1190.476]	110	(80) [124.2236]
Pyrene	ND	(12) [44.58314]	ND	(33) [122.6993]	630	(320) [1190.476]	ND	(34) [124.2236]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

NA = Not Applicable

ND = Not Detected

 = Factor

() = Detection Limit

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	01	01	01	01	01	01
	01-SB-01	01-SB-02	01-SB-02-01	01-SB-02	01-SB-02-02	01-SB-02
	12 - 15	3 - 5	3 - 5	5 - 7	5 - 7	12 - 15
	0.46 B	1.8 P	(0.41) [41.42502]	(0.39) [38.69969]	(0.43) [42.51700]	0.49 PB (0.44) [43.74453]
gamma-BHC						
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
1,1,2,2-Tetrachloroethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
1,1,2-Trichloroethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
1,1-Dichloroethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
1,1-Dichloroethene	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
1,2-Dichloroethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
1,2-Dichloropropane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
2-Chloroethyl vinyl ether	ND	ND	(12) [1.25]	(12000) [1161.440]	(64000) [6410.256]	(260) [26.31578]
2-Hexanone	ND	ND	(62) [1.25]	(58000) [1161.440]	(320000) [6410.256]	(1300) [26.31578]
4-Methyl-2-pentanone (MIBK)	ND	ND	(62) [1.25]	(58000) [1161.440]	(320000) [6410.256]	(1300) [26.31578]
Acetone	ND	ND	(120) [1.25]	(120000) [1161.440]	(640000) [6410.256]	(2600) [26.31578]
Benzene	ND	120000	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Bromodichloromethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Bromomethane	ND	ND	(12) [1.25]	(12000) [1161.440]	(64000) [6410.256]	(260) [26.31578]
Carbon disulfide	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Carbon tetrachloride	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Chlorobenzene	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Chloroethane	ND	ND	(12) [1.25]	(12000) [1161.440]	(64000) [6410.256]	(260) [26.31578]
Chloroform	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Chloromethane	ND	ND	(12) [1.25]	(12000) [1161.440]	(64000) [6410.256]	(260) [26.31578]
Dibromochloromethane	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Ethyl benzene	ND	200000	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Methyl ethyl ketone	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(2600) [26.31578]
Methylene chloride	9.5 B	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Styrene	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Tetrachloroethene	ND	ND	(6.2) [1.25]	(5800) [1161.440]	(32000) [6410.256]	(130) [26.31578]
Toluene	0.48 JB	110000	(6.2) [1.25]	(29000) [5807.200]	(32000) [6410.256]	(330) [65.78947]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	01	01	01	01	01	01	01	01
	01-SB-01	01-SB-02	01-SB-02	01-SB-02	01-SB-02-01	01-SB-02-02	01-SB-02	01-SB-02
	12 - 15	3 - 5	3 - 5	5 - 7	12 - 15	12 - 15	12 - 15	12 - 15

Tribromomethane(Bromoform)	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	(32000)	[6410.256]
Trichloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	(32000)	[6410.256]
Vinyl acetate	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	(32000)	[6410.256]
Vinyl chloride	ND	(12)	[1.25]	ND	(12000)	[1161.440]	(64000)	[6410.256]
Xylenes	ND	(6.2)	[1.25]	1200000	(29000)	[5807.200]	(32000)	[6410.256]
cis-1,3-Dichloropropene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	(32000)	[6410.256]
trans-1,2-Dichloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	(32000)	[6410.256]
trans-1,3-Dichloropropene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	(32000)	[6410.256]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(220)	[123.7623]	ND	NA		(2300)	[1275.510]
Acenaphthylene	ND	(280)	[123.7623]	ND	NA		(2900)	[1275.510]
Anthracene	ND	(82)	[123.7623]	ND	NA		(840)	[1275.510]
Benzo(a)anthracene	0.31 J	(1.6)	[123.7623]	ND	NA		(17)	[1275.510]
Benzo(a)pyrene	0.97 J	(2.8)	[123.7623]	ND	NA		(29)	[1275.510]
Benzo(b)fluoranthene	0.95 J	(2.2)	[123.7623]	ND	NA		(23)	[1275.510]
Benzo(g,h,i)perylene	10	(9.4)	[123.7623]	ND	NA		(97)	[1275.510]
Benzo(k)fluoranthene	0.46 J	(2.1)	[123.7623]	ND	NA		(22)	[1275.510]
Chrysene	ND	(19)	[123.7623]	ND	NA		(190)	[1275.510]
Dibenzo(a,h)anthracene	ND	(3.7)	[123.7623]	ND	NA		(38)	[1275.510]
Fluoranthene	ND	(26)	[123.7623]	ND	NA		(270)	[1275.510]
Fluorene	ND	(26)	[123.7623]	1200	NA		(270)	[1275.510]
Indeno(1,2,3-cd)pyrene	5.6	(5.3)	[123.7623]	ND	NA		(55)	[1275.510]
Naphthalene	ND	(220)	[123.7623]	23000	NA		(2300)	[1275.510]
Phenanthrene	170	(79)	[123.7623]	6400	NA		(820)	[1275.510]
Pyrene	ND	(33)	[123.7623]	ND	NA		(340)	[1275.510]

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01	
	01-SD-01		01-SD-01		01-DS-01 Dup of 01-SD-01-01		01-SD-01		01-SD-02	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
SW8015MEWP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	280	(29)	[143]		120	(20)	[100]	340	(29)	[143]
Gasoline Range Organics (2)	ND	(14)	[145]		20 B	(13)	[133]	ND	(14)	[138]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	180	(4.9)	[488.9975]		290	(4.6)	[461.2120]	30	(0.48)	[47.60771]
4,4'-DDE	110	(4.9)	[488.9975]		170	(4.6)	[461.2120]	32	(0.48)	[47.60771]
4,4'-DDT	330	(9.8)	[488.9975]		480	(9.2)	[461.2120]	26	(0.95)	[47.60771]
Aldrin	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	0.8 B	(0.48)	[47.60771]
Chlordane	ND	(24)	[488.9975]		ND	(23)	[461.2120]	ND	(2.4)	[47.60771]
Dieldrin	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
Endosulfan I	3.8 KJ	(4.9)	[488.9975]		4.5 KJ	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
Endosulfan II	ND	(15)	[488.9975]		ND	(14)	[461.2120]	ND	(1.4)	[47.60771]
Endosulfan Sulfate	7 KJ	(24)	[488.9975]		7.2 KJ	(23)	[461.2120]	ND	(2.4)	[47.60771]
Endrin	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
Endrin Aldehyde	ND	(9.8)	[488.9975]		ND	(9.2)	[461.2120]	0.044 KJB	(0.95)	[47.60771]
Heptachlor	2.1 KJ	(4.9)	[488.9975]		2.3 KJ	(4.6)	[461.2120]	0.45 KJB	(0.48)	[47.60771]
Heptachlor epoxide	2 PJB	(4.9)	[488.9975]		2.2 PJB	(4.6)	[461.2120]	0.59 PB	(0.48)	[47.60771]
Methoxychlor	ND	(24)	[488.9975]		ND	(23)	[461.2120]	ND	(2.4)	[47.60771]
PCB-1016	ND	(49)	[488.9975]		ND	(46)	[461.2120]	ND	(4.8)	[47.60771]
PCB-1221	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.60771]
PCB-1232	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.60771]
PCB-1242	ND	(49)	[488.9975]		ND	(46)	[461.2120]	ND	(4.8)	[47.60771]
PCB-1248	ND	(49)	[488.9975]		ND	(46)	[461.2120]	ND	(4.8)	[47.60771]
PCB-1254	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.60771]
PCB-1260	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.60771]
Toxaphene	ND	(240)	[488.9975]		ND	(230)	[461.2120]	ND	(24)	[47.60771]
alpha-BHC	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	0.72 B	(0.48)	[47.60771]
beta-BHC	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
delta-BHC	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	1 B	(0.48)	[47.60771]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	01	01	01	01	01	01	01	01	01	01
	01-SS-01	01-SS-02	01-SS-03	01-SS-04	01-SS-01-01	01-SS-02-01	01-SS-03-01	01-SS-04-01	01-SS-05-01	01-SS-06-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	130	(21)	[104]	130	(21)	[103]	410	(24)	[118]	[113]
Diesel Range Organics (2)	ND	(9.8)	[98.4]	ND	(9.9)	[99.4]	13 B	(12)	[118]	[2180]
Gasoline Range Organics (2)	150	(1)	[103.5947]	19	(0.35)	[34.55425]	55	(0.39)	[39.49447]	24
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	38	(1)	[103.5947]	2	(0.35)	[34.55425]	5	(0.39)	[39.49447]	7.5
4,4'-DDD	400	(10)	[517.9736]	21	(0.69)	[34.55425]	2.9	(0.79)	[39.49447]	81
4,4'-DDE	0.094 KJB	(1)	[103.5947]	ND	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	0.12 KJB
4,4'-DDT	ND	(5.2)	[103.5947]	ND	(1.7)	[34.55425]	ND	(2)	[39.49447]	ND
Aldrin	ND	(1)	[103.5947]	ND	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND
Chlordane	ND	(1)	[103.5947]	ND	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND
Dieldrin	3.2 P	(1)	[103.5947]	ND	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND
Endosulfan I	2.5 KJ	(3.1)	[103.5947]	ND	(1)	[34.55425]	ND	(1.2)	[39.49447]	ND
Endosulfan II	ND	(5.2)	[103.5947]	ND	(1.7)	[34.55425]	ND	(2)	[39.49447]	ND
Endosulfan Sulfate	ND	(1)	[103.5947]	ND	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND
Endrin	1.6 KJ	(2.1)	[103.5947]	0.32 KJB	(0.69)	[34.55425]	1.5	(0.79)	[39.49447]	0.34 KJB
Endrin Aldehyde	0.48 JB	(1)	[103.5947]	0.22 JB	(0.35)	[34.55425]	0.4 B	(0.39)	[39.49447]	0.28 JB
Heptachlor	0.21 PJB	(1)	[103.5947]	0.2 JB	(0.35)	[34.55425]	0.67 PB	(0.39)	[39.49447]	0.17 PJB
Heptachlor epoxide	0.89 KJ	(5.2)	[103.5947]	0.017 KJ	(1.7)	[34.55425]	1.3 KJ	(2)	[39.49447]	1.2 KJ
Methoxychlor	ND	(10)	[103.5947]	ND	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND
PCB-1016	ND	(21)	[103.5947]	ND	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND
PCB-1221	ND	(21)	[103.5947]	ND	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND
PCB-1232	ND	(21)	[103.5947]	ND	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND
PCB-1242	ND	(10)	[103.5947]	ND	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND
PCB-1248	ND	(10)	[103.5947]	ND	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND
PCB-1254	ND	(21)	[103.5947]	ND	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND
PCB-1260	ND	(21)	[103.5947]	ND	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND
Toxaphene	ND	(52)	[103.5947]	ND	(17)	[34.55425]	ND	(20)	[39.49447]	ND
alpha-BHC	ND	(1)	[103.5947]	0.34 PJB	(0.35)	[34.55425]	0.5 PB	(0.39)	[39.49447]	0.61 B
beta-BHC	ND	(1)	[103.5947]	ND	(0.35)	[34.55425]	6.1	(0.39)	[39.49447]	0.29 KJB
delta-BHC	ND	(1)	[103.5947]	ND	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	01		01		01	
	01-SS-01	01-SS-02	01-SS-03	01-SS-04	01-SS-01	01-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
2.1	(1) [103.5947]	0.19 PJB	(0.35) [34.55425]	1.2 B	(0.39) [39.49447]	0.82 B
gamma-BHC						
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,1,2,2-Tetrachloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	270 J
1,1,2-Trichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,1-Dichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,1-Dichloroethene	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,2-Dichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,2-Dichloropropane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
2-Chloroethyl vinyl ether	ND	ND	(10) [1.038421]	ND	(590) [118.4834]	ND
2-Hexanone	ND	ND	(52) [1.038421]	ND	(1200) [118.4834]	ND
4-Methyl-2-pentanone(MIBK)	ND	ND	(53) [1.052631]	ND	(5900) [118.4834]	3700 J
Acetone	ND	ND	(53) [1.052631]	ND	(5900) [118.4834]	ND
Benzene	ND	ND	(110) [1.052631]	ND	(12000) [118.4834]	ND
Bromodichloromethane	ND	ND	(5.3) [1.052631]	48 J	(590) [118.4834]	ND
Bromomethane	ND	ND	(5.3) [1.052631]	ND	(590) [118.4834]	500 J
Carbon disulfide	ND	ND	(11) [1.052631]	ND	(1200) [118.4834]	ND
Carbon tetrachloride	ND	ND	(5.3) [1.052631]	ND	(590) [118.4834]	ND
Chlorobenzene	ND	ND	(5.3) [1.052631]	55 J	(590) [118.4834]	ND
Chloroethane	ND	ND	(11) [1.052631]	ND	(590) [118.4834]	ND
Chloroform	ND	ND	(5.3) [1.052631]	ND	(1200) [118.4834]	ND
Chloromethane	ND	ND	(11) [1.052631]	ND	(590) [118.4834]	ND
Dibromochloromethane	ND	ND	(5.3) [1.052631]	ND	(1200) [118.4834]	ND
Ethyl benzene	ND	ND	(5.3) [1.052631]	ND	(590) [118.4834]	ND
Methyl ethyl ketone	ND	ND	(5.3) [1.052631]	ND	(590) [118.4834]	ND
Methylene chloride	ND	ND	(110) [1.052631]	400 J	(12000) [118.4834]	15000
Styrene	ND	ND	(5.3) [1.052631]	ND	(590) [118.4834]	ND
Tetrachloroethene	ND	ND	(5.3) [1.052631]	ND	(590) [118.4834]	ND
Toluene	ND	ND	(5.3) [1.052631]	100 J	(590) [118.4834]	550 J

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor US = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	01		01		01		01		01		01	
	01-SS-05		01-SS-06		01-SS-07		01-SS-07-01		01-SS-07		01-SS-07	
	01-SS-05-01 0 - 0.5		01-SS-06-01 0 - 0.5		01-SS-07-01 0 - 0.5		01-SS-07-01 0 - 0.5		01-SS-07 01-SS-02 Dup of 01-SS-07-01 0 - 0.5		01-SS-07 01-SS-02 Dup of 01-SS-07-01 0 - 0.5	

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	72000	(11000)	[55100]	220	(21)	[107]	15000	(4000)	[20200]	16000	(2100)	[10600]
Gasoline Range Organics (2)	ND	(11)	[109]	ND	(11)	[107]	130	(97)	[971]	140	(98)	[981]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	5.5	(0.37)	[36.7647]	17	(0.36)	[36.02305]	5.2	(0.34)	[33.67003]	5.1	(0.34)	[33.94433]
4,4'-DDE	1.1 P	(0.37)	[36.76470]	0.9	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
4,4'-DDT	1.9	(0.74)	[36.7647]	6.8	(0.72)	[36.02305]	0.52 JB	(0.67)	[33.67003]	0.39 JB	(0.68)	[33.94433]
Aldrin	33	(0.37)	[36.7647]	0.23 KJB	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Chlordane	ND	(1.8)	[36.7647]	ND	(1.8)	[36.02305]	ND	(1.7)	[33.67003]	ND	(1.7)	[33.94433]
Dieldrin	2.5 P	(0.37)	[36.7647]	0.25 JB	(0.36)	[36.02305]	0.96	(0.34)	[33.67003]	0.95	(0.34)	[33.94433]
Endosulfan I	2.9	(0.37)	[36.7647]	0.27 PJB	(0.36)	[36.02305]	0.29 PJB	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Endosulfan II	10	(1.1)	[36.7647]	ND	(1.1)	[36.02305]	0.12 PJB	(1)	[33.67003]	ND	(1)	[33.94433]
Endosulfan Sulfate	ND	(1.8)	[36.7647]	ND	(1.8)	[36.02305]	ND	(1.7)	[33.67003]	ND	(1.7)	[33.94433]
Endrin	6	(0.37)	[36.7647]	ND	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Endrin Aldehyde	3 P	(0.74)	[36.76470]	0.5 KJB	(0.72)	[36.02305]	ND	(0.67)	[33.67003]	ND	(0.68)	[33.94433]
Heptachlor	2.2 P	(0.37)	[36.76470]	0.096 PJB	(0.36)	[36.02305]	1.7	(0.34)	[33.67003]	1.5	(0.34)	[33.94433]
Heptachlor epoxide	10 P	(0.37)	[36.76470]	0.15 JB	(0.36)	[36.02305]	0.11 PJB	(0.34)	[33.67003]	0.94 PB	(0.34)	[33.94433]
Methoxychlor	ND	(1.8)	[36.76470]	0.24 KJ	(1.8)	[36.02305]	0.89 KJ	(1.7)	[33.67003]	0.96 KJ	(1.7)	[33.94433]
PCB-1016	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1221	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1232	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1242	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1248	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1254	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1260	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
Toxaphene	ND	(18)	[36.7647]	ND	(18)	[36.02305]	ND	(17)	[33.67003]	ND	(17)	[33.94433]
alpha-BHC	4.6 P	(0.37)	[36.76470]	0.83 B	(0.36)	[36.02305]	1.8 P	(0.34)	[33.67003]	6.1	(0.34)	[33.94433]
beta-BHC	2.3 P	(0.37)	[36.76470]	ND	(0.36)	[36.02305]	0.45 PB	(0.34)	[33.67003]	2.5 P	(0.34)	[33.94433]
delta-BHC	7.5	(0.37)	[36.7647]	ND	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	8.6	(0.34)	[33.94433]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit ☐ = Factor NS = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	01				01				04			
	01-SS-08				01-SS-09				01-SS-10			
	01-SS-08-01				01-SS-09-01				01-SS-10-01			
BEG. DEPTH - END DEPTH (FT.)												
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TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID												
PARAMETER	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		04			
							01-SS-10		04-MW-01			
							01-SS-10-01		04-MW-01-02			
							0 - 0.5		4 - 6			

gamma-BHC	0.68 B	(0.36)	[35.54923]	0.75 B	(0.41)	[40.89979]	0.78 B	(0.34)	[34.24657]	1.1 B	(0.54)	[53.96654]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
1,1,2,2-Tetrachloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
1,1,2-Trichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
1,1-Dichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
1,1-Dichloroethene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
1,2-Dichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
1,2-Dichloropropane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
2-Chloroethyl vinyl ether	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]
2-Hexanone	ND	(54)	[1.071466]	ND	(61)	[1.228501]	ND	(52)	[1.033057]	ND	(81)	[1.620745]
4-Methyl-2-pentanone(MIBK)	ND	(54)	[1.071466]	ND	(61)	[1.228501]	ND	(52)	[1.033057]	ND	(81)	[1.620745]
Acetone	ND	(110)	[1.071466]	ND	(120)	[1.228501]	ND	(100)	[1.033057]	200	(160)	[1.620745]
Benzene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Bromodichloromethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Bromomethane	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]
Carbon disulfide	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Carbon tetrachloride	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Chlorobenzene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Chloroethane	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]
Chloroform	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Chloromethane	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]
Dibromochloromethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Ethyl benzene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Methyl ethyl ketone	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Methylene chloride	ND	(110)	[1.071466]	ND	(120)	[1.228501]	ND	(100)	[1.033057]	14 JB	(160)	[1.620745]
Styrene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	31	(8.1)	[1.620745]
Tetrachloroethene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]
Toluene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	2.6 J	(8.1)	[1.620745]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	01		01		01		01	
	01-SS-08		01-SS-09		01-SS-10		04-MW-01	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
	01-SS-08-01		01-SS-09-01		01-SS-10-01		04-MW-01-02	
	0 - 0.5		0 - 0.5		0 - 0.5		4 - 6	
	ND		ND		ND		ND	
Tribromomethane(Bromoform)	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
Trichloroethene	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
Vinyl acetate	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
Vinyl chloride	(11) [1.071466]		(12) [1.228501]		(10) [1.033057]		(16) [1.620745]	
Xylenes	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
cis-1,3-Dichloropropene	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
trans-1,2-Dichloroethene	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
trans-1,3-Dichloropropene	(5.4) [1.071466]		(6.1) [1.228501]		(5.2) [1.033057]		(8.1) [1.620745]	
SW8270 - Semivolatile Organics (mg/kg)	ND		ND		ND		ND	
1,2,4-Trichlorobenzene	NA		NA		NA		(0.54) [0.053791]	
1,2-Dichlorobenzene	NA		NA		NA		(0.54) [0.053791]	
1,3-Dichlorobenzene	NA		NA		NA		(0.54) [0.053791]	
1,4-Dichlorobenzene	NA		NA		NA		(0.54) [0.053791]	
2,4,5-Trichloropheno	NA		NA		NA		(0.54) [0.053791]	
2,4,6-Trichloropheno	NA		NA		NA		(0.54) [0.053791]	
2,4-Dichloropheno	NA		NA		NA		(0.54) [0.053791]	
2,4-Dimethylpheno	NA		NA		NA		(0.54) [0.053791]	
2,4-Dinitropheno	NA		NA		NA		(0.54) [0.053791]	
2,4-Dinitrotoluene	NA		NA		NA		(0.54) [0.053791]	
2,6-Dinitrotoluene	NA		NA		NA		(0.54) [0.053791]	
2-Chloronaphthalene	NA		NA		NA		(0.54) [0.053791]	
2-Chloropheno	NA		NA		NA		(0.54) [0.053791]	
2-Methylnaphthalene	NA		NA		NA		(0.54) [0.053791]	
2-Methylpheno(o-cresol)	NA		NA		NA		(0.54) [0.053791]	
2-Nitroaniline	NA		NA		NA		(0.54) [0.053791]	
2-Nitropheno	NA		NA		NA		(0.54) [0.053791]	
3,3'-Dichlorobenzidine	NA		NA		NA		(1.1) [0.053791]	
3-Nitroaniline	NA		NA		NA		(2.7) [0.053791]	
4,6-Dinitro-2-methylpheno	NA		NA		NA		(2.7) [0.053791]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

4-Bromophenyl phenyl ether	NA	NA	NA	ND (0.54) [0.053791]
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.54) [0.053791]
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.54) [0.053791]
4-Methylphenol (p-cresol)	NA	NA	NA	ND (0.54) [0.053791]
4-Nitroaniline	NA	NA	NA	ND (2.7) [0.053791]
4-Nitrophenol	NA	NA	NA	ND (2.7) [0.053791]
Acenaphthene	NA	NA	NA	ND (0.54) [0.053791]
Acenaphthylene	NA	NA	NA	ND (0.54) [0.053791]
Anthracene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(a)anthracene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(a)pyrene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(g,h,i)perylene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(k)fluoranthene	NA	NA	NA	ND (0.54) [0.053791]
Benzoic acid	NA	NA	NA	ND (2.7) [0.053791]
Benzyl alcohol	NA	NA	NA	ND (0.54) [0.053791]
Butylbenzylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Chrysene	NA	NA	NA	ND (0.54) [0.053791]
Di-n-octylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Dibenz(a,h)anthracene	NA	NA	NA	ND (0.54) [0.053791]
Dibenzofuran	NA	NA	NA	ND (0.54) [0.053791]
Dibutylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Diethylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Dimethylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Fluoranthene	NA	NA	NA	ND (0.54) [0.053791]
Fluorene	NA	NA	NA	ND (0.54) [0.053791]
Hexachlorobenzene	NA	NA	NA	ND (0.54) [0.053791]
Hexachlorobutadiene	NA	NA	NA	ND (0.54) [0.053791]
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.54) [0.053791]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

Hexachloroethane	NA	NA	NA	(0.54) [0.053791]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	(0.54) [0.053791]
Isophorone	NA	NA	NA	(0.54) [0.053791]
N-Nitrosodiphenylamine	NA	NA	NA	(0.54) [0.053791]
N-Nitrosodipropylamine	NA	NA	NA	(0.54) [0.053791]
Naphthalene	NA	NA	NA	(0.54) [0.053791]
Nitrobenzene	NA	NA	NA	(0.54) [0.053791]
Pentachloropheno1	NA	NA	NA	(0.54) [0.053791]
Phenanthrene	NA	NA	NA	(2.7) [0.053791]
Phenol	NA	NA	NA	(0.54) [0.053791]
Pyrene	NA	NA	NA	(0.54) [0.053791]
bis(2-Chloroethoxy)methane	NA	NA	NA	(0.54) [0.053791]
bis(2-Chloroethyl)ether	NA	NA	NA	(0.54) [0.053791]
bis(2-Chloroisopropyl)ether	NA	NA	NA	(0.54) [0.053791]
bis(2-Ethylhexyl)phthalate	NA	NA	NA	(0.54) [0.053791]
p-Chloroaniline	NA	NA	NA	(0.54) [0.053791]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	ND	(74) [40.84967]	(62) [34.36426]	(76) [42.01680]
Acenaphthylene	ND	(94) [40.84967]	(79) [34.36426]	(97) [42.01680]
Anthracene	ND	(27) [40.84967]	(23) [34.36426]	(28) [42.01680]
Benzo(a)anthracene	1.8	(0.53) [40.84967]	(0.45) [34.36426]	(0.026) [2.01680]
Benzo(a)pyrene	5.4	(0.94) [40.84967]	(7.9) [343.6426]	(0.97) [42.01680]
Benzo(b)fluoranthene	6.1	(0.74) [40.84967]	(6.2) [343.6426]	(0.76) [42.01680]
Benzo(g,h,i)perylene	4.6 J	(3.1) [40.84967]	(26) [343.6426]	(3.2) [42.01680]
Benzo(k)fluoranthene	2.6	(0.69) [40.84967]	(5.8) [343.6426]	(0.71) [42.01680]
Chrysene	ND	(6.1) [40.84967]	(5.2) [34.36426]	(6.3) [42.01680]
Dibenzo(a,h)anthracene	1.1 J	(1.2) [40.84967]	(1) [34.36426]	(1.3) [42.01680]
Fluoranthene	ND	(8.6) [40.84967]	(7.2) [34.36426]	(8.8) [42.01680]
Fluorene	3.5 J	(8.6) [40.84967]	(7.2) [34.36426]	(8.8) [42.01680]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	04	04	04	04	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5

SW8015MEWP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	52	(30)	[148]	67	(29)	[147]	170	(37)	[185]	ND	(21)	[103]
Gasoline Range Organics (2)	ND	(15)	[148]	ND	(15)	[150]	ND	(19)	[187]	ND	(10)	[103]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.5)	[49.80079]	0.11 PJB	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	0.95 B	(0.35)	[34.57814]
4,4'-DDE	ND	(0.5)	[49.80079]	0.22 KJB	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
4,4'-DDT	ND	(1)	[49.80079]	0.91 JB	(0.98)	[49.21259]	0.85 JB	(1.2)	[62.2665]	1.1 P	(0.69)	[34.57814]
Aldrin	ND	(0.5)	[49.80079]	1	(0.49)	[49.21259]	1.1	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Chlordane	ND	(2.5)	[49.80079]	ND	(2.5)	[49.21259]	ND	(3.1)	[62.2665]	ND	(1.7)	[34.57814]
Dieldrin	ND	(0.5)	[49.80079]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Endosulfan I	0.43 KJB	(0.5)	[49.80079]	0.34 KJB	(0.49)	[49.21259]	0.43 KJB	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Endosulfan II	1.4 KJB	(1.5)	[49.80079]	ND	(1.5)	[49.21259]	ND	(1.9)	[62.2665]	1.5	(1)	[34.57814]
Endosulfan Sulfate	0.068 PJB	(2.5)	[49.80079]	0.014 PJB	(2.5)	[49.21259]	0.21 PJB	(3.1)	[62.2665]	0.83 PJB	(1.7)	[34.57814]
Endrin	ND	(0.5)	[49.80079]	0.068 KJB	(0.49)	[49.21259]	0.062 KJB	(0.62)	[62.2665]	0.18 PJB	(0.35)	[34.57814]
Endrin Aldehyde	0.96 KJ	(1)	[49.80079]	ND	(0.98)	[49.21259]	ND	(1.2)	[62.2665]	1	(0.69)	[34.57814]
Heptachlor	0.44 PJB	(0.5)	[49.80079]	1 B	(0.49)	[49.21259]	1.1 P	(0.62)	[62.2665]	0.36 PB	(0.35)	[34.57814]
Heptachlor epoxide	ND	(0.5)	[49.80079]	0.84 PB	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Methoxychlor	ND	(2.5)	[49.80079]	0.16 KJ	(2.5)	[49.21259]	ND	(3.1)	[62.2665]	ND	(0.35)	[34.57814]
PCB-1016	ND	(5)	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(1.7)	[34.57814]
PCB-1221	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1232	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1242	ND	(5)	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1248	ND	(5)	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1254	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1260	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
Toxaphene	ND	(25)	[49.80079]	ND	(25)	[49.21259]	ND	(31)	[62.2665]	ND	(17)	[34.57814]
alpha-BHC	ND	(0.5)	[49.80079]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
beta-BHC	0.44 KJ	(0.5)	[49.80079]	2.1	(0.49)	[49.21259]	0.8 PB	(0.62)	[62.2665]	0.23 PJ	(0.35)	[34.57814]
delta-BHC	0.52 B	(0.5)	[49.80079]	0.55 B	(0.49)	[49.21259]	0.63 PB	(0.62)	[62.2665]	ND	(0.35)	[34.57814]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5

Tribromomethane (Bromoform)	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Trichloroethene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Vinyl acetate	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Vinyl chloride	ND	(15) [1.494768]	ND	(15) [1.477104]	ND	(19) [1.869158]	ND	(10) [1.037344]
Xylenes	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
cis-1,3-Dichloropropene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
trans-1,2-Dichloroethene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
trans-1,3-Dichloropropene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
SW8270 - Semivolatile Organics (mg/kg)	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,2,4-Trichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
1,2-Dichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
1,3-Dichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
1,4-Dichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4,5-Trichlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4,6-Trichlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4-Dichlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4-Dimethylphenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4-Dinitrophenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
2,4-Dinitrotoluene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,6-Dinitrotoluene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Chloronaphthalene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Chlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Methylnaphthalene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Methylphenol (o-cresol)	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Nitroaniline	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
2-Nitrophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
3,3'-Dichlorobenzidine	ND	(1) [0.049792]	ND	(0.98) [0.049089]	ND	(1.2) [0.062284]	ND	(0.69) [0.034497]
3-Nitroaniline	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
4,6-Dinitro-2-methylphenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]

Compiled: 23 March 1995

() = Detection Limit [] = Factor

ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-SD-01
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5

4-Bromophenyl phenyl ether	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Chloro-3-methylphenol	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Chlorophenyl phenyl ether	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Methylphenol(p-cresol)	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Nitroaniline	ND	(2.5) [0.049792]	ND	(3.1) [0.062284]
4-Nitrophenol	ND	(2.5) [0.049792]	ND	(3.1) [0.062284]
Acenaphthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Acenaphthylene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Anthracene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(a)anthracene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(a)pyrene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(b)fluoranthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(g,h,i)perylene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(k)fluoranthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzoic acid	0.11 J	(2.5) [0.049792]	ND	(3.1) [0.062284]
Benzyl alcohol	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Butylbenzylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Chrysene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Di-n-octylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dibenz(a,h)anthracene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dibenzofuran	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dibutylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Diethylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dimethylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Fluoranthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Fluorene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Hexachlorobenzene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Hexachlorobutadiene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Hexachlorocyclopentadiene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
Hexachloroethane	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Indeno(1,2,3-cd)pyrene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Isophorone	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
N-Nitrosodiphenylamine	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
N-Nitrosodipropylamine	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Naphthalene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Nitrobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Pentachlorophenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
Phenanthrene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Phenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Pyrene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Chloroethoxy)methane	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Chloroethyl) ether	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Chloroisopropyl) ether	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Ethylhexyl) phthalate	0.061 JB	(0.5) [0.049792]	ND	(0.49) [0.049089]	0.087 JB	(0.62) [0.062284]	0.06 JB	(0.34) [0.034497]
p-Chloroaniline	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(90) [49.75124]	ND	(89) [49.21259]	ND	(74) [40.98360]	ND	(62) [34.48275]
Acenaphthylene	ND	(110) [49.75124]	ND	(110) [49.21259]	ND	(94) [40.98360]	ND	(79) [34.48275]
Anthracene	ND	(33) [49.75124]	ND	(32) [49.21259]	ND	(27) [40.98360]	ND	(23) [34.48275]
Benzo(a)anthracene	ND	(0.65) [49.75124]	ND	(0.64) [49.21259]	0.24 J	(0.53) [40.98360]	0.28 J	(0.45) [34.48275]
Benzo(a)pyrene	ND	(1.1) [49.75124]	ND	(1.1) [49.21259]	0.31 J	(0.94) [40.98360]	ND	(0.79) [34.48275]
Benzo(b)fluoranthene	0.7 J	(0.9) [49.75124]	0.53 J	(0.89) [49.21259]	ND	(0.74) [40.98360]	0.43 J	(0.62) [34.48275]
Benzo(g,h,i)perylene	ND	(3.8) [49.75124]	ND	(3.7) [49.21259]	ND	(3.1) [40.98360]	0.78 J	(2.6) [34.48275]
Benzo(k)fluoranthene	ND	(0.85) [49.75124]	ND	(0.84) [49.21259]	ND	(0.7) [40.98360]	0.06 JB	(0.59) [34.48275]
Chrysene	ND	(7.5) [49.75124]	ND	(7.4) [49.21259]	9.6	(6.1) [40.98360]	ND	(5.2) [34.48275]
Dibenzo(a,h)anthracene	ND	(1.5) [49.75124]	0.43 JB	(1.5) [49.21259]	ND	(1.2) [40.98360]	ND	(1) [34.48275]
Fluoranthene	ND	(10) [49.75124]	ND	(10) [49.21259]	ND	(8.6) [40.98360]	ND	(7.2) [34.48275]
Fluorene	ND	(10) [49.75124]	ND	(10) [49.21259]	1.1 JB	(8.6) [40.98360]	ND	(7.2) [34.48275]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							

Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene Pyrene	0.71 J	(2.1) [49.75124]	0.78 J	(2.1) [49.21259]	1.1 J	(1.8) [40.98360]	ND	(1.5) [34.48275]
	ND	(90) [49.75124]	ND	(89) [49.21259]	ND	(74) [40.98360]	ND	(62) [34.48275]
	ND	(32) [49.75124]	ND	(31) [49.21259]	ND	(26) [40.98360]	ND	(22) [34.48275]
	ND	(13) [49.75124]	ND	(13) [49.21259]	ND	(11) [40.98360]	ND	(9.3) [34.48275]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	04		04		04					
	04-SD-02	04-SD-02-01	04-SD-02	04-SD-02-01 Dup of 04-SD-02-01	04-SD-03	04-SD-03-01	04-SD-04	04-SD-04-01	04-SD-04-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	ND	(26)	[128]	ND	(26)	[132]	40	(30)	[151]	54
Gasoline Range Organics (2)	13 B	(13)	[129]	ND	(13)	[132]	ND	(15)	[152]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	46	(0.43)	[43.02925]	49	(0.44)	[44.24778]	45	(0.5)	[50.37783]	3
4,4'-DDE	37	(0.43)	[43.02925]	44	(0.44)	[44.24778]	40	(0.5)	[50.37783]	4.5
4,4'-DDT	43	(0.86)	[43.02925]	45	(0.88)	[44.24778]	16	(1)	[50.37783]	2.5
Aldrin	ND	(0.43)	[43.02925]	0.3 JB	(0.44)	[44.24778]	0.33 KJB	(0.5)	[50.37783]	ND
Chlordane	ND	(2.2)	[43.02925]	ND	(2.2)	[44.24778]	ND	(2.5)	[50.37783]	ND
Dieldrin	ND	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	ND	(0.5)	[50.37783]	ND
Endosulfan I	0.47 B	(0.43)	[43.02925]	0.3 PJB	(0.44)	[44.24778]	0.51 B	(0.5)	[50.37783]	ND
Endosulfan II	1.2 KJB	(1.3)	[43.02925]	ND	(1.3)	[44.24778]	1.1 KJB	(1.5)	[50.37783]	1.4 KJB
Endosulfan Sulfate	0.56 PJB	(2.2)	[43.02925]	0.062 PJB	(2.2)	[44.24778]	0.3 PJB	(2.5)	[50.37783]	1.1 PJB
Endrin	0.085 KJB	(0.43)	[43.02925]	0.18 PJB	(0.44)	[44.24778]	0.091 PJB	(0.5)	[50.37783]	ND
Endrin Aldehyde	ND	(0.86)	[43.02925]	ND	(0.88)	[44.24778]	ND	(1)	[50.37783]	ND
Heptachlor	0.4 PJB	(0.43)	[43.02925]	0.35 PJB	(0.44)	[44.24778]	0.43 PJB	(0.5)	[50.37783]	0.52 PJB
Heptachlor epoxide	1.9 B	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	ND	(0.5)	[50.37783]	2.6 B
Methoxychlor	1.5 KJ	(2.2)	[43.02925]	1.2 KJ	(2.2)	[44.24778]	0.11 KJ	(2.5)	[50.37783]	0.37 KJ
PCB-1016	ND	(4.3)	[43.02925]	ND	(4.4)	[44.24778]	ND	(5)	[50.37783]	ND
PCB-1221	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND
PCB-1232	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND
PCB-1242	ND	(4.3)	[43.02925]	ND	(4.4)	[44.24778]	ND	(5)	[50.37783]	ND
PCB-1248	ND	(4.3)	[43.02925]	ND	(4.4)	[44.24778]	ND	(5)	[50.37783]	ND
PCB-1254	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND
PCB-1260	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND
Toxaphene	ND	(22)	[43.02925]	ND	(22)	[44.24778]	ND	(25)	[50.37783]	ND
alpha-BHC	ND	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	ND	(0.5)	[50.37783]	ND
beta-BHC	0.94 B	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	0.41 KJ	(0.5)	[50.37783]	3
delta-BHC	0.4 KJB	(0.43)	[43.02925]	0.42 KJB	(0.44)	[44.24778]	0.41 PJB	(0.5)	[50.37783]	0.5 JB

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor

= Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	04		04		04		04		04		04	
	04-SD-02 04-SD-02-01 0 - 0.5		04-SD-02 Dup of 04-SD-02-01 0 - 0.5		04-DS-01 04-SD-02-01 0 - 0.5		04-SD-03 04-SD-03-01 0 - 0.5		04-SD-04 04-SD-04-01 0 - 0.5			
	1 B	(0.43)	[43.02925]	1.2 B	(0.44)	[44.24778]	1 B	(0.5)	[50.37783]	1.2 B	(0.54)	[53.56186]
gamma-BHC												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
1,1,2,2-Tetrachloroethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
1,1,2-Trichloroethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
1,1-Dichloroethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
1,1-Dichloroethene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
1,2-Dichloroethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
1,2-Dichloropropane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
2-Chloroethyl vinyl ether	ND	(13)	[1.291989]	ND	(13)	[1.329787]	ND	(15)	[1.512859]	ND	(16)	[1.607717]
2-Hexanone	ND	(65)	[1.291989]	ND	(66)	[1.329787]	ND	(76)	[1.512859]	ND	(80)	[1.607717]
4-Methyl-2-pentanone(MIBK)	ND	(65)	[1.291989]	ND	(66)	[1.329787]	ND	(76)	[1.512859]	ND	(80)	[1.607717]
Acetone	ND	(130)	[1.291989]	ND	(130)	[1.329787]	ND	(150)	[1.512859]	ND	(160)	[1.607717]
Benzene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Bromodichloromethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Bromomethane	ND	(13)	[1.291989]	ND	(13)	[1.329787]	ND	(15)	[1.512859]	ND	(16)	[1.607717]
Carbon disulfide	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Carbon tetrachloride	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Chlorobenzene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Chloroethane	ND	(13)	[1.291989]	ND	(13)	[1.329787]	ND	(15)	[1.512859]	ND	(16)	[1.607717]
Chloroform	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Chloromethane	ND	(13)	[1.291989]	ND	(13)	[1.329787]	ND	(15)	[1.512859]	ND	(16)	[1.607717]
Dibromochloromethane	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Ethyl benzene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Methyl ethyl ketone	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Methylene chloride	ND	(130)	[1.291989]	ND	(130)	[1.329787]	ND	(150)	[1.512859]	ND	(160)	[1.607717]
Methylene chloride	2.9 JB	(6.5)	[1.291989]	9.4 B	(6.6)	[1.329787]	7.5 JB	(7.6)	[1.512859]	12	(8)	[1.607717]
Styrene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Tetrachloroethene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	ND	(7.6)	[1.512859]	ND	(8)	[1.607717]
Toluene	ND	(6.5)	[1.291989]	ND	(6.6)	[1.329787]	24	(7.6)	[1.512859]	7.5 J	(8)	[1.607717]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor "NS" = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04 04-SD-02 04-SD-02-01 0 - 0.5	04 04-SD-02 Dup of 04-SD-02-01 0 - 0.5	04 04-SD-03 04-SD-03-01 0 - 0.5	04 04-SD-04 04-SD-04-01 0 - 0.5
4-Bromophenyl phenyl ether	ND	ND	ND	ND
4-Chloro-3-methylphenol	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
4-Chlorophenyl phenyl ether	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
4-Methylphenol (p-cresol)	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
4-Nitroaniline	(2.2) [0.043008]	(2.2) [0.044311]	(2.5) [0.050344]	(2.7) [0.053537]
4-Nitrophenol	(2.2) [0.043008]	(2.2) [0.044311]	(2.5) [0.050344]	(2.7) [0.053537]
Acenaphthene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Acenaphthylene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Anthracene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Benzo(a)anthracene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Benzo(a)pyrene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Benzo(b)fluoranthene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Benzo(g,h,i)perylene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Benzo(k)fluoranthene	(0.43) [0.043008]	(0.44) [0.044311]	(0.5) [0.050344]	(0.54) [0.053537]
Benzoic acid	0.066 J (2.2) [0.043008]	0.074 J (2.2) [0.044311]	0.089 J (2.2) [0.050344]	0.074 J (2.7) [0.053537]
Benzyl alcohol	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Butylbenzylphthalate	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Chrysene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Di-n-octylphthalate	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Dibenz(a,h)anthracene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Dibenzofuran	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Dibutylphthalate	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Diethylphthalate	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Dimethylphthalate	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Fluoranthene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Fluorene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Hexachlorobenzene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Hexachlorobutadiene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]
Hexachlorocyclopentadiene	ND (0.43) [0.043008]	ND (0.44) [0.044311]	ND (0.5) [0.050344]	ND (0.54) [0.053537]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor "S" = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	04	04	04	04
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	04-SS-01	04-SS-01	04-SS-02	04-SS-03
Diesel Range Organics (2)	04-SS-01-01	Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
Gasoline Range Organics (2)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)				
4,4'-DDD	28	(0.59)	[59.24170]	(0.55)
4,4'-DDE	36	(0.59)	[59.24170]	(0.55)
4,4'-DDT	64	(1.2)	[59.24170]	(1.1)
Aldrin	ND	(0.59)	[59.24170]	(0.55)
Chlordane	ND	(3)	[59.24170]	(2.7)
Dieldrin	ND	(0.59)	[59.24170]	(0.55)
Endosulfan I	0.4 JB	(0.59)	[59.24170]	(0.55)
Endosulfan II	1.5 KJ	(1.8)	[59.24170]	(0.55)
Endosulfan Sulfate	ND	(3)	[59.24170]	(1.6)
Endrin	0.4 PJB	(0.59)	[59.24170]	(2.7)
Endrin Aldehyde	ND	(1.2)	[59.24170]	(0.55)
Heptachlor	1.2	(0.59)	[59.24170]	(1.1)
Heptachlor epoxide	3.6 B	(0.59)	[59.24170]	(0.55)
Methoxychlor	ND	(3)	[59.24170]	(0.55)
PCB-1016	ND	(5.9)	[59.24170]	(2.7)
PCB-1221	ND	(12)	[59.24170]	(5.5)
PCB-1232	ND	(12)	[59.24170]	(11)
PCB-1242	ND	(5.9)	[59.24170]	(11)
PCB-1248	ND	(5.9)	[59.24170]	(5.5)
PCB-1254	ND	(12)	[59.24170]	(5.5)
PCB-1260	ND	(12)	[59.24170]	(11)
Toxaphene	ND	(30)	[59.24170]	(11)
alpha-BHC	0.43 JB	(0.59)	[59.24170]	(27)
beta-BHC	ND	(0.59)	[59.24170]	(0.55)
delta-BHC	0.91 B	(0.59)	[59.24170]	(0.55)

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	04-SS-01-01	04-SS-02 Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
gamma-BHC	1.6	(0.59) [59.24170]	ND	(0.54) [53.85029]
SW8240 - Volatile Organics (ug/kg)			1.3 B	(0.55) [54.52562]
1,1,1-Trichloroethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,1,2,2-Tetrachloroethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,1,2-Trichloroethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,1-Dichloroethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,1-Dichloroethene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,2-Dichloroethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,2-Dichloropropane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
2-Chloroethyl vinyl ether	ND	(18) [1.779359]	ND	(16) [1.636661]
2-Hexanone	ND	(89) [1.779359]	ND	(82) [1.636661]
4-Methyl-2-pentanone (MIBK)	ND	(89) [1.779359]	ND	(82) [1.636661]
Acetone	ND	(180) [1.779359]	ND	(160) [1.636661]
Benzene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Bromodichloromethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Bromomethane	ND	(18) [1.779359]	ND	(16) [1.636661]
Carbon disulfide	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Carbon tetrachloride	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Chlorobenzene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Chloroethane	ND	(18) [1.779359]	ND	(16) [1.636661]
Chloroform	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Chloromethane	ND	(18) [1.779359]	ND	(16) [1.636661]
Dibromochloromethane	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Ethyl benzene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Methyl ethyl ketone	ND	(180) [1.779359]	ND	(160) [1.636661]
Methylene chloride	14	(8.9) [1.779359]	8.8 B	(8.2) [1.636661]
Styrene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Tetrachloroethene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Toluene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							
	04 04-SS-01 04-SS-01-01 0 - 0.5	04 04-SS-01 Dup of 04-SS-01-01 0 - 0.5	04 04-SS-02 04-SS-02-01 0 - 0.5	04 04-SS-03 04-SS-03-01 0 - 0.5				
4-Bromophenyl phenyl ether	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Chloro-3-methylphenol	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Chlorophenyl phenyl ether	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Methylphenol(p-cresol)	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Nitroaniline	ND	(3) [0.059154]	ND	(2.8) [0.056212]	ND	(2.7) [0.053811]	ND	(2.7) [0.054464]
4-Nitrophenol	ND	(3) [0.059154]	ND	(2.8) [0.056212]	ND	(2.7) [0.053811]	ND	(2.7) [0.054464]
Acenaphthene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Acenaphthylene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Anthracene	ND	(0.59) [0.059154]	0.026 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(a)anthracene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(a)pyrene	0.021 J	(0.59) [0.059154]	0.039 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(b)fluoranthene	0.029 J	(0.59) [0.059154]	0.029 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(g,h,i)perylene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(k)fluoranthene	0.019 J	(0.59) [0.059154]	0.016 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzoic acid	0.24 J	(3) [0.059154]	0.27 J	(2.8) [0.056212]	0.096 J	(2.7) [0.053811]	0.12 J	(2.7) [0.054464]
Benzyl alcohol	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Butylbenzylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Chrysene	0.045 J	(0.59) [0.059154]	0.045 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Di-n-octylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibenz(a,h)anthracene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibenzofuran	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibutylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Diethylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dimethylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Fluoranthene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Fluorene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorobenzene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorobutadiene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorocyclopentadiene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	04-SS-01-01	Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
Indeno(1,2,3-cd)pyrene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
Isophorone	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
N-Nitrosodiphenylamine	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
N-Nitrosodipropylamine	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
Naphthalene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
Nitrobenzene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
Pentachloropheno1	ND	(3) [0.059154]	ND	(0.54) [0.053811]
Phenanthrene	ND	(0.59) [0.059154]	0.014 J	(2.7) [0.053811]
Pheno1	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
Pyrene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
bis(2-Chloroethoxy)methane	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
bis(2-Chloroethyl) ether	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
bis(2-Chloroisopropyl) ether	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
bis(2-Ethylhexyl) phthalate	0.2 J	(0.59) [0.059154]	0.084 JB	(0.54) [0.053811]
p-Chloroaniline	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	ND	(110) [59.17159]	ND	(97) [53.90835]
Acenaphthylene	ND	(140) [59.17159]	ND	(120) [53.90835]
Anthracene	ND	(39) [59.17159]	ND	(36) [53.90835]
Benzo(a)anthracene	1.6	(0.77) [59.17159]	0.63 J	(0.7) [53.90835]
Benzo(a)pyrene	6.9	(1.4) [59.17159]	1.8	(1.2) [53.90835]
Benzo(b)fluoranthene	9	(1.1) [59.17159]	2.7	(0.97) [53.90835]
Benzo(g,h,i)perylene	3.4 J	(4.5) [59.17159]	2.3 J	(4.1) [53.90835]
Benzo(k)fluoranthene	3.1	(1) [59.17159]	0.78 J	(0.92) [53.90835]
Chrysene	11	(8.9) [59.17159]	2.4 J	(8.1) [53.90835]
Dibenzo(a,h)anthracene	3.3	(1.8) [59.17159]	0.81 J	(1.6) [53.90835]
Fluoranthene	5 J	(12) [59.17159]	ND	(11) [53.90835]
Fluorene	ND	(12) [59.17159]	ND	(11) [53.90835]

Compiled: 23 March 1995

() = Detection Limit [] = Factor

NA = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID			BEG. DEPTH - END DEPTH (FT.)		
	04			04			04			04		
	04-SS-01 0 - 0.5			04-SS-01 04-SS-02 Dup of 04-SS-01-01 0 - 0.5			04-SS-02 04-SS-02-01 0 - 0.5			04-SS-03 04-SS-03-01 0 - 0.5		
Indeno(1,2,3-cd)pyrene	9.2	(2.5)	[59.17159]	2.5	(2.4)	[56.24296]	ND	(2.3)	[53.90835]	2 J	(2.3)	[54.40696]
Naphthalene	ND	(110)	[59.17159]	ND	(100)	[56.24296]	ND	(97)	[53.90835]	ND	(98)	[54.40696]
Phenanthrene	ND	(38)	[59.17159]	ND	(36)	[56.24296]	ND	(35)	[53.90835]	ND	(35)	[54.40696]
Pyrene	5.2 J	(16)	[59.17159]	ND	(15)	[56.24296]	ND	(15)	[53.90835]	ND	(15)	[54.40696]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID													
	LOCATION ID						SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)						BEG. DEPTH - END DEPTH (FT.)							
	05	05	05	05	05	05	05	05	05	05	05	05		
	05-MW-01	05-MW-02	05-MW-03	05-MW-03	05-MW-03	05-MW-03	05-MW-02	05-MW-03	05-MW-03	05-MW-03	05-MW-03	05-MW-03		
	05-MW-01-02	05-MW-02-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-02-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-03-02		
	0 - 0.5	7 - 9	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12		

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	27	[128]	ND	(26)	[128]	ND	(23)	[115]	ND	(24)	[122]	ND	(25)	[123]
Diesel Range Organics (2)	ND	[128]	ND	(13)	[128]	ND	(11)	[114]	ND	(12)	[120]	ND	(12)	[116]
Gasoline Range Organics (2)	ND	[128]	ND	(13)	[128]	ND	(11)	[114]	ND	(12)	[120]	ND	(12)	[116]
SW8240 - Volatile Organics (ug/kg)	ND	[128]	ND	(13)	[128]	ND	(11)	[114]	ND	(12)	[120]	ND	(12)	[116]
1,1,1-Trichloroethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1,2,2-Tetrachloroethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1,2-Trichloroethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1-Dichloroethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1-Dichloroethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,2-Dichloroethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,2-Dichloropropane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
2-Chloroethyl vinyl ether	ND	[128]	ND	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
2-Hexanone	ND	[128]	ND	(1300)	[25.70694]	ND	(58)	[1.156069]	ND	(1200)	[24.57002]	ND	(61)	[1.228501]
4-Methyl-2-pentanone(MIBK)	ND	[128]	ND	(1300)	[25.70694]	ND	(58)	[1.156069]	ND	(1200)	[24.57002]	ND	(61)	[1.228501]
Acetone	ND	[128]	ND	(2600)	[25.70694]	ND	(120)	[1.156069]	ND	(2500)	[24.57002]	ND	(120)	[1.228501]
Benzene	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(120)	[1.228501]
Bromodichloromethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Bromomethane	ND	[128]	ND	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
Carbon disulfide	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Carbon tetrachloride	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Chlorobenzene	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Chloroethane	ND	[128]	ND	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
Chloroform	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Chloromethane	ND	[128]	ND	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
Dibromochloromethane	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Ethyl benzene	79 J	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Methyl ethyl ketone	540 J	[128]	ND	(2600)	[25.70694]	ND	(120)	[1.156069]	ND	(2500)	[24.57002]	150	(6.1)	[1.228501]
Methylene chloride	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	3.3 JB	(6.1)	[1.228501]
Styrene	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	6.6 B	(6.1)	[1.228501]
	ND	[128]	ND	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		05		05	
	05-MW-01		05-MW-02		05-MW-02-02		05-MW-03		05-MW-03	
	05-MW-01-02		05-MW-02-02		05-MW-02-02		05-MW-03-02		05-MW-03-02	
	0 - 0.5		7 - 9		8 - 12		8 - 12		8 - 12	

Tetrachloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]		
Toluene	340	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	49 J	(120) [24.57002]	1600	(120) [24.57002]
Tribromomethane(Bromoform)	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(120) [24.57002]	ND	(6.1) [1.228501]
Trichloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(120) [24.57002]	ND	(6.1) [1.228501]
Vinyl acetate	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(120) [24.57002]	ND	(6.1) [1.228501]
Vinyl chloride	ND	(260) [25.70694]	ND	(12) [1.156069]	ND	(250) [24.57002]	ND	(12) [1.228501]	ND	(12) [1.228501]
Xylenes	350	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	43 J	(120) [24.57002]	1300	(6.1) [1.228501]
cis-1,3-Dichloropropene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(120) [24.57002]	ND	(6.1) [1.228501]
trans-1,2-Dichloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(120) [24.57002]	ND	(6.1) [1.228501]
trans-1,3-Dichloropropene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(120) [24.57002]	ND	(6.1) [1.228501]
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
1,2-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
1,3-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
1,4-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4,5-Trichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4,6-Trichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4-Dichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4-Dimethylphenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4-Dinitrophenol	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]	ND	(2) [0.04095]
2,4-Dinitrotoluene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,6-Dinitrotoluene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Chloronaphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Chlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Methylnaphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Methylphenol(o-cresol)	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Nitroaniline	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]	ND	(2) [0.04095]
2-Nitrophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
3,3'-Dichlorobenzidine	ND	(0.86) [0.042844]	ND	(0.77) [0.038535]	ND	(0.82) [0.04095]	ND	(0.82) [0.04095]	ND	(0.82) [0.04095]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)		05		05		05	
	LOCATION ID		SAMPLE ID		05-MW-01		05-MW-02		05-MW-03	
					0 - 0.5		7 - 9		8 - 12	
										05-DS-02 Dup of 05-MW-03-02
										8 - 12
3-Nitroaniline	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
4,6-Dinitro-2-methylphenol	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
4-Bromophenyl phenyl ether	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Chloro-3-methylphenol	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Chlorophenyl phenyl ether	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Methylphenol(p-cresol)	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Nitroaniline	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
4-Nitrophenol	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
Acenaphthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Acenaphthylene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Anthracene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(a)anthracene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(a)pyrene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(b)fluoranthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(g,h,i)perylene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(k)fluoranthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzoic acid	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
Benzyl alcohol	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Butylbenzylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Chrysene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Di-n-octylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dibenz(a,h)anthracene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dibenzofuran	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dibutylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Diethylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dimethylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Fluoranthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Fluorene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Hexachlorobenzene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	05				05				05			
	05-MW-01				05-MW-02				05-MW-03			
	05-MW-01-02				05-MW-02-02				05-MW-03-02			
	0 - 0.5				7 - 9				8 - 12			
	-----				-----				-----			
Hexachlorobutadiene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Hexachlorocyclopentadiene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Hexachloroethane	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Indeno(1,2,3-cd)pyrene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Isophorone	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
N-Nitrosodiphenylamine	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
N-Nitrosodipropylamine	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Naphthalene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Nitrobenzene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Pentachlorophenol	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND	(2)	[0.04095]
Phenanthrene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Phenol	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
Pyrene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
bis(2-Chloroethoxy)methane	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
bis(2-Chloroethyl) ether	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
bis(2-Chloroisopropyl) ether	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
bis(2-Ethylhexyl) phthalate	ND	(0.43)	[0.042844]	0.033 JB	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]
p-Chloroaniline	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND	(0.41)	[0.04095]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01	05-SB-01-01	05-SB-01-01
	8 - 10	5 - 7	7 - 9	2 - 4						

SW8015MEMP - Nonhalogenated Volatile Organics (ug/kg)	7600	(2500)	[12700]	6200	(30)	[152]	ND	ND	3400	[2970]
Diesel Range Organics (2)	8200	(4900)	[48800]	55000	(6100)	[61300]	13 B	13 B	17000	[47400]
Gasoline Range Organics (2)										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
1,1,2,2-Tetrachloroethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
1,1,2-Trichloroethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
1,1-Dichloroethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
1,1-Dichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
1,2-Dichloroethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
1,2-Dichloropropane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
2-Chloroethyl vinyl ether	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	ND	ND	[598.0861]
2-Hexanone	ND	(320000)	[6410.256]	1400 J	(77000)	[1533.742]	ND	ND	ND	[598.0861]
4-Methyl-2-pentanone (MIBK)	ND	(320000)	[6410.256]	ND	(77000)	[1533.742]	ND	ND	ND	[598.0861]
Acetone	ND	(640000)	[6410.256]	ND	(150000)	[1533.742]	ND	ND	ND	[598.0861]
Benzene	160000	(32000)	[6410.256]	76000	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Bromodichloromethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Bromomethane	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	ND	ND	[598.0861]
Carbon disulfide	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Carbon tetrachloride	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Chlorobenzene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Chloroethane	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	ND	ND	[598.0861]
Chloroform	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Chloromethane	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	ND	ND	[598.0861]
Dibromochloromethane	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Ethyl benzene	100000	(32000)	[6410.256]	83000	(7700)	[1533.742]	ND	ND	ND	[598.0861]
Methyl ethyl ketone	ND	(640000)	[6410.256]	38000 J	(150000)	[1533.742]	ND	ND	14000	[598.0861]
Methylene chloride	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	1.8 JB	1.8 JB	ND	[598.0861]
Styrene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	ND	ND	[598.0861]

Compiled: 23 March 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01	05-SB-01-01	05-SB-01-01
	8 - 10	5 - 7	7 - 9	2 - 4						
Tetrachloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Toluene	640000	(32000)	[6410.256]	360000	(7700)	[1533.742]	0.32 JB	(6.2)	[1.240694]	20000
Tribromomethane (Bromoform)	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Trichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Vinyl acetate	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Vinyl chloride	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	(12)	[1.240694]	ND
Xylenes	480000	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	120000
cis-1,3-Dichloropropene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
trans-1,2-Dichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
trans-1,3-Dichloropropene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
SW8270 - Semivolatile Organics (mg/kg)	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
1,2,4-Trichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
1,2-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
1,3-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
1,4-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4,5-Trichloropheno1	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4,6-Trichloropheno1	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4-Dichloropheno1	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4-Dimethylpheno1	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4-Dinitrophenol	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND
2,4-Dinitrotoluene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,6-Dinitrotoluene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Chloronaphthalene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Chloropheno1	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Methylnaphthalene	15	(12)	[1.173708]	130	(15)	[1.526111]	ND	(0.41)	[0.041246]	3 J
2-Methylpheno1 (o-creso1)	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Nitroaniline	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND
2-Nitrophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
3,3'-Dichlorobenzidine	ND	(23)	[1.173708]	ND	(3.1)	[0.152611]	ND	(0.82)	[0.041246]	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01
	8 - 10	5 - 7	7 - 9	2 - 4				
3-Nitroaniline	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	ND	(59) [1.184328]
4,6-Dinitro-2-methylphenol	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	ND	(59) [1.184328]
4-Bromophenyl phenyl ether	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
4-Chloro-3-methylphenol	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
4-Chlorophenyl phenyl ether	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
4-Methylphenol(p-cresol)	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
4-Nitroaniline	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	ND	(59) [1.184328]
4-Nitrophenol	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	ND	(59) [1.184328]
Acenaphthene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Acenaphthylene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Anthracene	ND	(12) [1.173708]	0.084 J	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Benzo(a)anthracene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Benzo(a)pyrene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Benzo(b)fluoranthene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Benzo(g,h,i)perylene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Benzo(k)fluoranthene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Benzoic acid	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	ND	(59) [1.184328]
Benzy l alcohol	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Butylbenzylphthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Chrysene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Di-n-octylphthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Dibenz(a,h)anthracene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Dibenzofuran	ND	(12) [1.173708]	0.86 J	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Dibutylphthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Diethylphthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Dimethylphthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Fluoranthene	ND	(12) [1.173708]	0.16 J	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Fluorene	ND	(12) [1.173708]	2.3	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]
Hexachlorobenzene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	ND	(12) [1.184328]

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-SB-01-01	05-SB-01-01
	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01	05-SB-01-01	05-SB-01-01
	8 - 10	5 - 7	7 - 9	2 - 4	2 - 4	2 - 4
Hexachlorobutadiene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Hexachlorocyclopentadiene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Hexachloroethane	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Indeno(1,2,3-cd)pyrene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Isophorone	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
N-Nitrosodiphenylamine	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
N-Nitrosodipropylamine	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Naphthalene	2.6 J	(12) [1.173708]	79	(15) [1.526111]	ND	(12) [1.184328]
Nitrobenzene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Pentachlorophenol	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(59) [1.184328]
Phenanthrene	ND	(12) [1.173708]	0.85 J	(1.5) [0.152611]	ND	(12) [1.184328]
Phenol	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Pyrene	ND	(12) [1.173708]	0.16 J	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Chloroethoxy)methane	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Chloroethyl) ether	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Chloroisopropyl) ether	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Ethylhexyl) phthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
p-Chloroaniline	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
			05	05	05	05	05	05	05	05
			05-SB-01	05-SB-01	05-SB-02	05-SB-02-01	05-SB-02-02	05-SB-02-03	05-SB-02-04	05-SB-02-05
			5 - 7	8 - 10	2 - 4	2 - 4	5 - 7	2 - 4	5 - 7	5 - 7

Tetrachloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Toluene	2100	(130) [26.00780]	520	(140) [27.17391]	710000	(30000) [5931.198]	620000	(32000) [6476.683]		
Tribromomethane(Bromoform)	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Trichloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Vinyl acetate	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Vinyl chloride	ND	(13) [1.300390]	ND	(14) [1.358695]	ND	(59000) [5931.198]	ND	(65000) [6476.683]		
Xylenes	1100	(6.5) [1.300390]	600	(6.8) [1.358695]	1500000	(30000) [5931.198]	490000	(32000) [6476.683]		
cis-1,3-Dichloropropene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
trans-1,2-Dichloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
trans-1,3-Dichloropropene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
SW8270 - Semivolatile Organics (mg/kg)	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
1,2,4-Trichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
1,2-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
1,3-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
1,4-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4,5-Trichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4,6-Trichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4-Dichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4-Dimethylphenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4-Dinitrophenol	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	ND	(62) [1.245516]		
2,4-Dinitrotoluene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,6-Dinitrotoluene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Chloronaphthalene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Chlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Methylnaphthalene	0.044 J	(0.43) [0.043346]	ND	(0.45) [0.045289]	22	(12) [1.16298]	140	(12) [1.245516]		
2-Methylphenol (o-cresol)	0.078 J	(0.43) [0.043346]	0.084 J	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Nitroaniline	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	ND	(62) [1.245516]		
2-Nitrophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
3,3'-Dichlorobenzidine	ND	(0.87) [0.043346]	ND	(0.91) [0.045289]	ND	(23) [1.16298]	ND	(25) [1.245516]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)			05			05			05		
	LOCATION ID			SAMPLE ID			05-SB-01			05-SB-02			05-SB-02		
							05-SB-01-03			05-SB-02-01			05-SB-02-02		
							8 - 10			2 - 4			5 - 7		
3-Nitroaniline	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]
4,6-Dinitro-2-methylphenol	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]
4-Bromophenyl phenyl ether	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
4-Chloro-3-methylphenol	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
4-Chlorophenyl phenyl ether	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
4-Methylphenol (p-cresol)	0.21 J	(0.43)	[0.043346]	0.099 J	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
4-Nitroaniline	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]
4-Nitrophenol	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]
Acenaphthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Acenaphthylene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Anthracene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Benzo(a)anthracene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Benzo(a)pyrene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Benzo(b)fluoranthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Benzo(g,h,i)perylene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Benzo(k)fluoranthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Benzoic acid	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]
Benzyol alcohol	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Butylbenzylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Chrysene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Di-n-octylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Dibenz(a,h)anthracene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Dibenzofuran	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Dibutylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Diethylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Dimethylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Fluoranthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Fluorene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]
Hexachlorobenzene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	2.1 J	(12)	[1.245516]
													ND	(12)	[1.245516]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID							
	SAMPLE ID				SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)											
	05				05				05			
	05-SB-01				05-SB-01				05-SB-02			
	05-SB-01-02				05-SB-01-03				05-SB-02-01			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
	5 - 7				8 - 10				2 - 4			
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	5 - 7				8 - 10				2			

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	05	05	05	05	05	05	05	05	05	05
	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03
	05-SB-02-03	05-SB-02-03	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01
	8 - 10	8 - 10	10 - 12	10 - 12	10 - 12	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	5200	(630)	2100	(570)	[2850]	43	(27)	[135]	27	[131]
Diesel Range Organics (2)	28000	(5000)	11000	(4500)	[45400]	22 B	(13)	[134]	29	[131]
Gasoline Range Organics (2)										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
1,1,2,2-Tetrachloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
1,1,2-Trichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
1,1-Dichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
1,1-Dichloroethene	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
1,2-Dichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
1,2-Dichloropropane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
2-Chloroethyl vinyl ether	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
2-Hexanone	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
4-Methyl-2-pentanone (MIBK)	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Acetone	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Benzene	310000	(32000)	ND	(11000)	[114.5475]	190	(130)	[1.349527]	150 B	(130) [1.314060]
Bromodichloromethane	ND	(32000)	ND	(570)	[114.5475]	160	(6.7)	[1.349527]	47	(6.6) [1.314060]
Bromomethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Carbon disulfide	ND	(32000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13) [1.314060]
Carbon tetrachloride	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Chlorobenzene	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Chloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Chloroform	ND	(32000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13) [1.314060]
Chloromethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Dibromochloromethane	ND	(32000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13) [1.314060]
Ethyl benzene	350000	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Methyl ethyl ketone	ND	(32000)	ND	(2900)	[572.7376]	5.3 J	(6.7)	[1.349527]	ND	(6.6) [1.314060]
Methylene chloride	ND	(32000)	ND	(11000)	[114.5475]	36 JB	(130)	[1.349527]	28 JB	(130) [1.314060]
Styrene	ND	(32000)	ND	(570)	[114.5475]	12	(6.7)	[1.349527]	4.7 JB	(6.6) [1.314060]
			ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6) [1.314060]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		05		05	
	05		05		05		05-SB-02		05-SB-03	
	05-SB-02		05-SB-02-03		8 - 10		05-SB-02-04		05-SB-03-01	
							10 - 12		5 - 7	
Tetrachloroethene	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
Toluene	1400000	(63000)	[12658.22]	68000	(2900)	[572.7376]	73	(6.7)	[1.349527]	ND
Tribromomethane (Bromoform)	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
Trichloroethene	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
Vinyl acetate	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
Vinyl chloride	ND	(63000)	[6329.113]	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND
Xylenes	1200000	(32000)	[6329.113]	110000	(2900)	[572.7376]	ND	(6.7)	[1.349527]	ND
cis-1,3-Dichloropropene	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
trans-1,2-Dichloroethene	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
trans-1,3-Dichloropropene	ND	(32000)	[6329.113]	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
1,2-Dichlorobenzene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
1,3-Dichlorobenzene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
1,4-Dichlorobenzene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2,4,5-Trichlorophenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2,4,6-Trichlorophenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2,4-Dichlorophenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2,4-Dimethylphenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2,4-Dinitrophenol	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND
2,4-Dinitrotoluene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2,6-Dinitrotoluene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2-Chloronaphthalene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2-Chlorophenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2-Methylnaphthalene	66	(12)	[1.194172]	20	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2-Methylphenol (o-cresol)	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
2-Nitroaniline	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND
2-Nitrophenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND
3,3'-Dichlorobenzidine	ND	(24)	[1.194172]	ND	(22)	[1.090928]	ND	(0.9)	[0.044984]	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		05		05		05	
	LOCATION ID		05-SB-02		05-SB-03		05-SB-03	
	SAMPLE ID		05-SB-02-04		05-SB-03-01		05-SB-03-01	
	BEG. DEPTH - END DEPTH (FT.)		10 - 12		5 - 7		5 - 7	
3-Nitroaniline	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]
4,6-Dinitro-2-methylphenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]
4-Bromophenyl phenyl ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
4-Chloro-3-methylphenol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
4-Chlorophenyl phenyl ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
4-Methylphenol (p-cresol)	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
4-Nitroaniline	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]
4-Nitrophenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]
Acenaphthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Acenaphthylene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Anthracene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Benzo(a)anthracene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Benzo(a)pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Benzo(b)fluoranthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Benzo(g,h,i)perylene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Benzo(k)fluoranthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Benzoic acid	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]
Benzyl alcohol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Butylbenzylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Chrysene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Di-n-octylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Dibenz(a,h)anthracene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Dibenzofuran	1.7 J	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Dibutylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Diethylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Dimethylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Fluoranthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Fluorene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]
Hexachlorobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SB-02	05-SB-02	05-SB-03	05-SB-03
	05-SB-02-03	05-SB-02-04	05-SB-03-01	05-DS-01 Dup of 05-SB-03-01
	8 - 10	10 - 12	5 - 7	5 - 7
Hexachlorobutadiene	ND	(12) [1.194172]	ND	(11) [1.090928]
Hexachlorocyclopentadiene	ND	(12) [1.194172]	ND	(11) [1.090928]
Hexachloroethane	ND	(12) [1.194172]	ND	(11) [1.090928]
Indeno(1,2,3-cd)pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]
Isophorone	ND	(12) [1.194172]	ND	(11) [1.090928]
N-Nitrosodiphenylamine	ND	(12) [1.194172]	ND	(11) [1.090928]
N-Nitrosodipropylamine	ND	(12) [1.194172]	ND	(11) [1.090928]
Naphthalene	29	(12) [1.194172]	6.2 J	(11) [1.090928]
Nitrobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]
Pentachlorophenol	ND	(60) [1.194172]	ND	(55) [1.090928]
Phenanthrene	ND	(12) [1.194172]	ND	(11) [1.090928]
Phenol	ND	(12) [1.194172]	ND	(11) [1.090928]
Pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]
bis(2-Chloroethoxy)methane	ND	(12) [1.194172]	ND	(11) [1.090928]
bis(2-Chloroethyl) ether	ND	(12) [1.194172]	ND	(11) [1.090928]
bis(2-Chloroisopropyl) ether	ND	(12) [1.194172]	ND	(11) [1.090928]
bis(2-Ethylhexyl) phthalate	3.9 J	(12) [1.194172]	ND	(11) [1.090928]
p-Chloroaniline	ND	(12) [1.194172]	ND	(11) [1.090928]

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	05	05	05	05	05	05	05	05	05	05
	05-SB-03	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-02	05-SD-02
	05-SB-03-02	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-02-01	05-SD-02-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	21 B	(21)	[104]	ND	(22)	[109]	ND	(22)	[109]	49
Gasoline Range Organics (2)	17 B	(10)	[102]	11 B	(11)	[108]	17 B	(11)	[109]	15 B
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
1,1,2,2-Tetrachloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
1,1,2-Trichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
1,1-Dichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
1,1-Dichloroethene	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
1,2-Dichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
1,2-Dichloropropane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
2-Chloroethyl vinyl ether	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	ND
2-Hexanone	ND	(52)	[1.041666]	ND	(55)	[1.094810]	ND	(55)	[1.093015]	ND
4-Methyl-2-pentanone(MIBK)	ND	(52)	[1.041666]	ND	(55)	[1.094810]	ND	(55)	[1.093015]	ND
Acetone	65 JB	(100)	[1.041666]	ND	(110)	[1.094810]	ND	(110)	[1.093015]	ND
Benzene	410	(100)	[20.83333]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Bromodichloromethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Bromomethane	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	ND
Carbon disulfide	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Carbon tetrachloride	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Chlorobenzene	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Chloroethane	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	ND
Chloroform	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Chloromethane	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	ND
Dibromochloromethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Ethyl benzene	16	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND
Methyl ethyl ketone	10 JB	(100)	[1.041666]	ND	(110)	[1.094810]	ND	(110)	[1.093015]	ND
Methylene chloride	6.2 B	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	6.9 JB
Styrene	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	ND

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SB-03	05-SB-01	05-SB-01	05-SB-01	05-DS-04 Dup of 05-SD-01-01	05-SD-01	05-SD-02	05-SD-02-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tetrachloroethene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Toluene	700	(100) [20.83333]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Tribromomethane(Bromoform)	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Trichloroethene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Vinyl acetate	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Vinyl chloride	ND	(10) [1.041666]	ND	(11) [1.094810]	ND	(11) [1.093015]	ND	(14) [1.424501]
Xylenes	25	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
cis-1,3-Dichloropropene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
trans-1,2-Dichloroethene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
trans-1,3-Dichloropropene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
1,2,4-Trichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
1,2-Dichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
1,3-Dichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
1,4-Dichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4,5-Trichlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4,6-Trichlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4-Dichlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4-Dimethylphenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4-Dinitrophenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
2,4-Dinitrotoluene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,6-Dinitrotoluene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Chloronaphthalene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Chlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Methylnaphthalene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Methylphenol(o-cresol)	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
2-Nitrophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
3,3'-Dichlorobenzidine	ND	(0.69) [0.034722]	ND	(0.73) [0.036372]	ND	(0.73) [0.036385]	ND	(0.82) [0.041099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SB-03	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01
	05-SB-03-02	05-SB-01-01	05-SB-01-01	05-SB-01-01	05-SB-01-01	05-SB-01-01	05-SB-01-01	05-SB-01-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
3-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
4,6-Dinitro-2-methylphenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
4-Bromophenyl phenyl ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Chloro-3-methylphenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Chlorophenyl phenyl ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Methylphenol (p-cresol)	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
4-Nitrophenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
Acenaphthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Acenaphthylene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(a)anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(a)pyrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(b)fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(g,h,i)perylene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(k)fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzoic acid	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	0.066 J	(2.1) [0.041099]
Benzyl alcohol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Butylbenzylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Chrysene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Di-n-octylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dibenz(a,h)anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dibenzofuran	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dibutylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Diethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dimethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Fluorene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	0.014 J	(0.41) [0.041099]
Hexachlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SB-03	05-SD-01	05-SD-01	05-SD-02
	05-SB-03-02	05-SD-01-01	05-DS-04 Dup of 05-SD-01-01	05-SD-02-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5
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Hexachlorobutadiene	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Hexachlorocyclopentadiene	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Hexachloroethane	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Indeno(1,2,3-cd)pyrene	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Isophorone	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
N-Nitrosodiphenylamine	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
N-Nitrosodipropylamine	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Naphthalene	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Nitrobenzene	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Pentachloropheno]	ND	(1.8) [0.036372]	ND	(2.1) [0.041099]
Phenanthrene	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Pheno]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Pyrene	ND	0.014 J	0.013 J	0.015 J
bis(2-Chloroethoxy)methane	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
bis(2-Chloroethyl) ether	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
bis(2-Chloroisopropyl) ether	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
bis(2-Ethylhexyl) phthalate	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
p-Chloroaniline	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)				
	05	05	05	05	05	05	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04	05-SS-05	05-SS-01	05-SS-02	05-SS-03	05-SS-04	05-SS-05
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	35	(23)	[117]	29	(25)	[123]	32	(26)	[131]	ND
Gasoline Range Organics (2)	13 8	(11)	[112]	ND	(12)	[121]	ND	(13)	[131]	ND
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
1,1,2,2-Tetrachloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
1,1,2-Trichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
1,1-Dichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
1,1-Dichloroethene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
1,2-Dichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
1,2-Dichloropropane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
2-Chloroethyl vinyl ether	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND
2-Hexanone	ND	(58)	[1.169590]	ND	(61)	[1.226993]	ND	(66)	[1.317523]	ND
4-Methyl-2-pentanone (MIBK)	ND	(58)	[1.169590]	ND	(61)	[1.226993]	ND	(66)	[1.317523]	ND
Acetone	ND	(120)	[1.169590]	ND	(120)	[1.226993]	ND	(130)	[1.317523]	ND
Benzene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Bromodichloromethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Bromomethane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND
Carbon disulfide	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Carbon tetrachloride	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Chlorobenzene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Chloroethane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND
Chloroform	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Chloromethane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND
Dibromochloromethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Ethyl benzene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Methyl ethyl ketone	ND	(120)	[1.169590]	ND	(120)	[1.226993]	ND	(130)	[1.317523]	ND
Methylene chloride	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND
Styrene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04
	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
3-Nitroaniline	ND	(1.9) [0.038986]	ND	(2.2) [0.043917]
4,6-Dinitro-2-methylphenol	ND	(1.9) [0.038986]	ND	(2.2) [0.043917]
4-Bromophenyl phenyl ether	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
4-Chloro-3-methylphenol	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
4-Chlorophenyl phenyl ether	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
4-Methylphenol(p-cresol)	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
4-Nitroaniline	ND	(1.9) [0.038986]	ND	(2.2) [0.043917]
4-Nitrophenol	ND	(1.9) [0.038986]	ND	(2.2) [0.043917]
Acenaphthene	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
Acenaphthylene	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
Anthracene	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
Benzo(a)anthracene	ND	(0.39) [0.038986]	ND	(0.44) [0.043917]
Benzo(a)pyrene	0.078 J	(0.39) [0.038986]	ND	(0.44) [0.043917]
Benzo(b)fluoranthene	0.053 J	(0.39) [0.038986]	ND	(0.44) [0.043917]
Benzo(g,h,i)perylene	0.051 J	(0.39) [0.038986]	ND	(0.44) [0.043917]
Benzo(k)fluoranthene	0.06 J	(0.39) [0.038986]	ND	(0.44) [0.043917]
Benzoic acid	0.059 J	(1.9) [0.038986]	0.062 J	(2) [0.040899]
Benzyl alcohol	0.24 J	(0.39) [0.038986]	ND	(0.41) [0.040899]
Butylbenzylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Chrysene	0.027 J	(0.39) [0.038986]	ND	(0.41) [0.040899]
Di-n-octylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Dibenz(a,h)anthracene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Dibenzofuran	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Dibutylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Diethylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Dimethylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Fluoranthene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]
Fluorene	ND	(0.39) [0.038986]	0.015 J	(0.41) [0.040899]
Hexachlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							
	05 05-SS-01 05-SS-01-01 0 - 0.5	05 05-SS-02 05-SS-02-01 0 - 0.5	05 05-SS-03 05-SS-03-01 0 - 0.5	05 05-SS-04 05-SS-04-01 0 - 0.5				
Hexachlorobutadiene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Hexachlorocyclopentadiene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Hexachloroethane	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Indeno(1,2,3-cd)pyrene	0.015 JB	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Isophorone	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
N-Nitrosodiphenylamine	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
N-Nitrosodipropylamine	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Naphthalene	0.029 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.015 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
Nitrobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Pentachlorophenol	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
Phenanthrene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.012 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
Phenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Pyrene	0.017 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.012 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
bis(2-Chloroethoxy)methane	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
bis(2-Chloroethyl) ether	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
bis(2-Chloroisopropyl) ether	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
bis(2-Ethylhexyl) phthalate	0.02 JB	(0.39) [0.038986]	0.15 J	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
p-Chloroaniline	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	0.12 JB	(0.48) [0.048239]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)				
	05	05	05	05	05	05	05	05	05	05
	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-09	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-09
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015WEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diesel Range Organics (2)	15 B	(24)	[120]	(22)	[112]	480	(110)	[532]	(20)	[102]
Gasoline Range Organics (2)	ND	(12)	[120]	(11)	[112]	22 B	(11)	[108]	(12)	[121]
SW8240 - Volatile Organics (ug/kg)	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,1,1-Trichloroethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,1,2,2-Tetrachloroethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,1,2-Trichloroethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,1-Dichloroethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,1-Dichloroethene	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,2-Dichloroethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
1,2-Dichloropropane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
2-Chloroethyl vinyl ether	ND	(12)	[1.213592]	(11)	[1.123595]	ND	(540)	[53.75766]	(10)	[1.019991]
2-Hexanone	ND	(61)	[1.213592]	(56)	[1.123595]	ND	(2700)	[53.75766]	(51)	[1.019991]
4-Methyl-2-pentanone (MIBK)	ND	(61)	[1.213592]	(56)	[1.123595]	ND	(2700)	[53.75766]	(51)	[1.019991]
Acetone	ND	(120)	[1.213592]	(110)	[1.123595]	ND	(5400)	[53.75766]	(100)	[1.019991]
Benzene	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Bromodichloromethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Bromomethane	ND	(12)	[1.213592]	(11)	[1.123595]	ND	(540)	[53.75766]	(10)	[1.019991]
Carbon disulfide	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Carbon tetrachloride	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Chlorobenzene	ND	(12)	[1.213592]	(11)	[1.123595]	ND	(540)	[53.75766]	(10)	[1.019991]
Chloroethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Chloroform	ND	(12)	[1.213592]	(11)	[1.123595]	ND	(540)	[53.75766]	(10)	[1.019991]
Chloromethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Dibromochloromethane	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Ethyl benzene	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Methyl ethyl ketone	ND	(120)	[1.213592]	(110)	[1.123595]	ND	(5400)	[53.75766]	(100)	[1.019991]
Methylene chloride	2.1 JB	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]
Styrene	ND	(6.1)	[1.213592]	(5.6)	[1.123595]	ND	(270)	[53.75766]	(5.1)	[1.019991]

() = Detection Limit [] = Factor Not Detected NA = Not Applicable
 Compiled: 23 Mar 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05				05			
	LOCATION ID		SAMPLE ID		05-SS-05		05-SS-06		05-SS-07		05-SS-08		05-SS-09		05-SS-10	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Tetrachloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
Toluene	ND	(6.1)	[1.213592]	0.18 JB	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
Tribromomethane(Bromoform)	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
Trichloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
Vinyl acetate	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
Vinyl chloride	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]	ND	(540)	[53.75766]	(10) [1.019991]
Xylenes	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
cis-1,3-Dichloropropene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
trans-1,2-Dichloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
trans-1,3-Dichloropropene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
SW8270 - Semivolatile Organics (mg/kg)	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(270)	[53.75766]	(5.1) [1.019991]
1,2,4-Trichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
1,2-Dichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
1,3-Dichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
1,4-Dichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2,4,5-Trichlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2,4,6-Trichlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2,4-Dichlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2,4-Dimethylphenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2,4-Dinitrophenol	ND	(2)	[0.040318]	ND	(1.9)	[0.037453]	ND	(5.4)	[0.107086]	ND	(1.7)	[0.033954]	ND	(5.4)	[0.107086]	(1.7) [0.033954]
2,4-Dinitrotoluene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2,6-Dinitrotoluene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2-Chloronaphthalene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2-Chlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2-Methylnaphthalene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2-Methylphenol(o-cresol)	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
2-Nitroaniline	ND	(2)	[0.040318]	ND	(1.9)	[0.037453]	ND	(5.4)	[0.107086]	ND	(1.7)	[0.033954]	ND	(5.4)	[0.107086]	(1.7) [0.033954]
2-Nitrophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(1.1)	[0.107086]	(0.34) [0.033954]
3,3'-Dichlorobenzidine	ND	(0.81)	[0.040318]	ND	(0.75)	[0.037453]	ND	(2.1)	[0.107086]	ND	(0.68)	[0.033954]	ND	(2.1)	[0.107086]	(0.68) [0.033954]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		05		05	
	05-SS-05 0 - 0.5		05-SS-06 0 - 0.5		05-SS-07 0 - 0.5		05-SS-08 0 - 0.5	
3-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4,6-Dinitro-2-methylphenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4-Bromophenyl phenyl ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Chloro-3-methylphenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Chlorophenyl phenyl ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Methylphenol (p-cresol)	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4-Nitrophenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
Acenaphthene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Acenaphthylene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzo(a)anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.024 J	(0.34) [0.033954]
Benzo(a)pyrene	ND	(0.4) [0.040318]	0.0044 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.019 J	(0.34) [0.033954]
Benzo(b)fluoranthene	ND	(0.4) [0.040318]	0.0065 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.022 J	(0.34) [0.033954]
Benzo(g,h,i)perylene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzo(k)fluoranthene	ND	(0.4) [0.040318]	0.0056 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.024 J	(0.34) [0.033954]
Benzoic acid	ND	(2) [0.040318]	0.043 J	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
Benzyol alcohol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Butylbenzylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Chrysene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.031 J	(0.34) [0.033954]
Di-n-octylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibenz(a,h)anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibenzofuran	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibutylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Diethylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dimethylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Fluoranthene	0.023 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	0.028 J	(1.1) [0.107086]	0.031 J	(0.34) [0.033954]
Fluorene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Hexachlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05	05	05	05	05	05
	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-09	05-SS-10
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Hexachlorocyclopentadiene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Hexachloroethane	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Indeno(1,2,3-cd)pyrene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Isophorone	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
N-Nitrosodiphenylamine	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
N-Nitrosodipropylamine	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Naphthalene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Nitrobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Pentachlorophenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]
Phenanthrene	0.015 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Phenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Pyrene	0.023 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	0.049 J	(1.1) [0.107086]
bis(2-Chloroethoxy)methane	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
bis(2-Chloroethyl)ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
bis(2-Chloroisopropyl)ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
bis(2-Ethylhexyl)phthalate	ND	(0.4) [0.040318]	0.06 JB	(0.37) [0.037453]	ND	(1.1) [0.107086]
p-Chloroaniline	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					LOCATION ID				
	SAMPLE ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									

	05	05	05	05	05	05	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12	05-SS-13	05-SS-14	05-SS-15	05-SS-16	05-SS-17	05-SS-18
	05-SS-09-01	05-SS-10-01	05-SS-11-01	05-SS-12-01	05-SS-13-01	05-SS-14-01	05-SS-15-01	05-SS-16-01	05-SS-17-01	05-SS-18-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics	(mg/kg)									
Diesel Range Organics (2)	4400									
Gasoline Range Organics (2)	44000									
SW8240 - Volatile Organics	(ug/kg)									
1,1,1-Trichloroethane	ND	(30000)	[5910.165]	(24)	[118]	40	(22)	[110]	3700	(570)
1,1,2,2-Tetrachloroethane	ND	(30000)	[5910.165]			14 B	(11)	[111]	18 B	(11)
1,1,2-Trichloroethane	ND	(30000)	[5910.165]							
1,1-Dichloroethane	ND	(30000)	[5910.165]							
1,1-Dichloroethene	ND	(30000)	[5910.165]							
1,2-Dichloroethane	ND	(30000)	[5910.165]							
1,2-Dichloropropane	ND	(30000)	[5910.165]							
2-Chloroethyl vinyl ether	ND	(59000)	[5910.165]							
2-Hexanone	ND	(300000)	[5910.165]							
4-Methyl-2-pentanone(MIBK)	ND	(300000)	[5910.165]							
Acetone	ND	(590000)	[5910.165]							
Benzene	ND	(30000)	[5910.165]							
Bromodichloromethane	ND	(30000)	[5910.165]							
Bromomethane	ND	(59000)	[5910.165]							
Carbon disulfide	ND	(30000)	[5910.165]							
Carbon tetrachloride	ND	(30000)	[5910.165]							
Chlorobenzene	15000 J	(30000)	[5910.165]							
Chloroethane	ND	(59000)	[5910.165]							
Chloroform	ND	(30000)	[5910.165]							
Chloromethane	ND	(59000)	[5910.165]							
Dibromochloromethane	ND	(30000)	[5910.165]							
Ethyl benzene	ND	(30000)	[5910.165]							
Methyl ethyl ketone	ND	(590000)	[5910.165]							
Methylene chloride	ND	(30000)	[5910.165]							
Styrene	ND	(30000)	[5910.165]							

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12	05-SS-11-01	05-SS-12-01	05-SS-12-01	05-SS-12-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tetrachloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
Toluene	7400 J	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
Tribromomethane(Bromoform)	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
Trichloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
Vinyl acetate	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
Vinyl chloride	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	(10) [1.026694]
Xylenes	1200000	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
cis-1,3-Dichloropropene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
trans-1,2-Dichloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
trans-1,3-Dichloropropene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
SW8270 - Semivolatile Organics (mg/kg)	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(5.1) [1.026694]
1,2,4-Trichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
1,2-Dichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
1,3-Dichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
1,4-Dichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2,4,5-Trichloropheno1	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2,4,6-Trichloropheno1	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2,4-Dichloropheno1	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2,4-Dimethylpheno1	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2,4-Dinitrophenol	ND	(5.9)	[0.117265]	ND	(1.9)	[0.037140]	ND	(1.7) [0.034174]
2,4-Dinitrotoluene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2,6-Dinitrotoluene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2-Chloronaphthalene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2-Chloropheno1	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2-Methylnaphthalene	87	(23)	[2.345303]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2-Methylphenol(o-cresol)	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
2-Nitroaniline	ND	(5.9)	[0.117265]	ND	(1.9)	[0.037140]	ND	(1.7) [0.034174]
2-Nitrophenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(0.34) [0.034174]
3,3'-Dichlorobenzidine	ND	(2.3)	[0.117265]	ND	(0.74)	[0.037140]	ND	(0.68) [0.034174]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12
	05-SS-09-01	05-SS-10-01	05-SS-11-01	05-SS-12-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

3-Nitroaniline	ND	(5.9) [0.117265]	(1.9) [0.037140]	ND
4,6-Dinitro-2-methylphenol	ND	(5.9) [0.117265]	(1.9) [0.037140]	ND
4-Bromophenyl phenyl ether	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
4-Chloro-3-methylphenol	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
4-Chlorophenyl phenyl ether	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
4-Methylphenol (p-cresol)	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
4-Nitroaniline	ND	(5.9) [0.117265]	(1.9) [0.037140]	ND
4-Nitrophenol	ND	(5.9) [0.117265]	(1.9) [0.037140]	ND
Acenaphthene	0.94 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Acenaphthylene	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Anthracene	0.83 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Benzo(a)anthracene	0.37 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Benzo(a)pyrene	0.1 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Benzo(b)fluoranthene	0.18 JF	(1.2) [0.117265]	(0.37) [0.037140]	ND
Benzo(g,h,i)perylene	0.15 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Benzo(k)fluoranthene	0.18 JF	(1.2) [0.117265]	(0.37) [0.037140]	ND
Benzoic acid	ND	(5.9) [0.117265]	(1.9) [0.037140]	0.26 J
Benzyl alcohol	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Butylbenzylphthalate	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Chrysene	0.24 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Di-n-octylphthalate	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Dibenz(a,h)anthracene	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Dibenzofuran	0.14 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Dibutylphthalate	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Diethylphthalate	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Dimethylphthalate	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND
Fluoranthene	0.74 J	(1.2) [0.117265]	(0.37) [0.037140]	ND
Fluorene	1.4	(1.2) [0.117265]	(0.37) [0.037140]	ND
Hexachlorobenzene	ND	(1.2) [0.117265]	(0.37) [0.037140]	ND

Compiled: 23 May 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)				
	05 05-SS-13 05-SS-13-01 0 - 0.5	05 05-SS-13 05-DS-03 Dup of 05-SS-13-01 0 - 0.5	05 05-SS-14 05-SS-14-01 0 - 0.5	05 05-SS-15 05-SS-15-01 0 - 0.5		05 05-SS-13 05-DS-03 Dup of 05-SS-13-01 0 - 0.5	05 05-SS-14 05-SS-14-01 0 - 0.5	05 05-SS-15 05-SS-15-01 0 - 0.5		
SW8015MEWP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	23 B	[101]	30	(20)	[100]	27	(20)	[101]	540	[199]
Gasoline Range Organics (2)	12 B	[102]	ND	(9.8)	[97.7]	ND	(10)	[99.7]	18 B	[97.8]
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
1,1,2,2-Tetrachloroethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
1,1,2-Trichloroethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
1,1-Dichloroethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
1,1-Dichloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
1,2-Dichloroethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
1,2-Dichloropropane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
2-Chloroethyl vinyl ether	ND	(10) [1.018329]	ND	(10) [1.016260]	(10) [1.016260]	ND	(10) [1.012145]	(10) [1.012145]	ND	(10) [1.012145]
2-Hexanone	ND	(51) [1.018329]	ND	(51) [1.016260]	(51) [1.016260]	ND	(51) [1.012145]	(51) [1.012145]	ND	(51) [1.012145]
4-Methyl-2-pentanone (MIBK)	ND	(51) [1.018329]	ND	(51) [1.016260]	(51) [1.016260]	ND	(51) [1.012145]	(51) [1.012145]	ND	(51) [1.012145]
Acetone	ND	(100) [1.018329]	ND	(100) [1.016260]	(100) [1.016260]	ND	(100) [1.012145]	(100) [1.012145]	ND	(100) [1.012145]
Benzene	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Bromodichloromethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Bromomethane	ND	(10) [1.018329]	ND	(10) [1.016260]	(10) [1.016260]	ND	(10) [1.012145]	(10) [1.012145]	ND	(10) [1.012145]
Carbon disulfide	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Carbon tetrachloride	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Chlorobenzene	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Chloroethane	ND	(10) [1.018329]	ND	(10) [1.016260]	(10) [1.016260]	ND	(10) [1.012145]	(10) [1.012145]	ND	(10) [1.012145]
Chloroform	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Chloromethane	ND	(10) [1.018329]	ND	(10) [1.016260]	(10) [1.016260]	ND	(10) [1.012145]	(10) [1.012145]	ND	(10) [1.012145]
Dibromochloromethane	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Ethyl benzene	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]
Methyl ethyl ketone	ND	(100) [1.018329]	ND	(100) [1.016260]	(100) [1.016260]	ND	(100) [1.012145]	(100) [1.012145]	2.4 JB	(100) [1.012145]
Methylene chloride	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	1.8 JB	(5.1) [1.012145]
Styrene	ND	(5.1) [1.018329]	ND	(5.1) [1.016260]	(5.1) [1.016260]	ND	(5.1) [1.012145]	(5.1) [1.012145]	ND	(5.1) [1.012145]

Compiled: 23 May 1995

() = Detection Limit □ = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05 05-SS-13 05-SS-13-01 0 - 0.5	05 05-SS-13 05-DS-03 Dup of 05-SS-13-01 0 - 0.5	05 05-SS-14 05-SS-14-01 0 - 0.5	05 05-SS-15 05-SS-15-01 0 - 0.5
Tetrachloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Toluene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Tribromomethane(Bromoform)	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Trichloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Vinyl acetate	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Vinyl chloride	ND	(10) [1.018329]	ND	(10) [1.012145]
Xylenes	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
cis-1,3-Dichloropropene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
trans-1,2-Dichloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
trans-1,3-Dichloropropene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
W8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
1,2-Dichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
1,3-Dichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
1,4-Dichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4,5-Trichlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4,6-Trichlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4-Dichlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4-Dimethylphenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4-Dinitrophenol	ND	(1.7) [0.033921]	ND	(1.7) [0.033664]
2,4-Dinitrotoluene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,6-Dinitrotoluene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Chloronaphthalene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Chlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Methylnaphthalene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Methylphenol(o-cresol)	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Nitroaniline	ND	(1.7) [0.033921]	ND	(1.7) [0.033664]
2-Nitrophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
3,3'-Dichlorobenzidine	ND	(0.68) [0.033921]	ND	(0.67) [0.033664]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-13	05-SS-13	05-SS-14	05-SS-15
	05-SS-13-01	05-DS-03 Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Hexachlorocyclopentadiene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Hexachloroethane	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Indeno(1,2,3-cd)pyrene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Isophorone	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
N-Nitrosodiphenylamine	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
N-Nitrosodipropylamine	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Naphthalene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Nitrobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Pentachlorophenol	ND	(1.7) [0.033921]	(1.7) [0.033664]	(5) [0.100004]
Phenanthrene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Phenol	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Pyrene	0.028 J	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Chloroethoxy)methane	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Chloroethyl) ether	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Chloroisopropyl) ether	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Ethylhexyl) phthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
p-Chloroaniline	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
			0.097 JB	0.3 J

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	06				06				06				06			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02				06-MW-02-02				06-MW-03-02				06-MW-03-02			
	8 - 10				3 - 5				4 - 7				4 - 7			
	06-MW-01				06-MW-02				06-MW-03				06-MW-03			
	06-MW-01-02															

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	06	06	06	06	06	06	06	06	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-03	06-MW-01 Dup of 06-MW-03-02	06-MW-03	06-MW-03
	8 - 10	3 - 5	4 - 7	4 - 7								
gamma-BHC	0.65 PB	(0.4)	[40.03202]	ND	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42)	[41.59733]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
1,1,2,2-Tetrachloroethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
1,1,2-Trichloroethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
1,1-Dichloroethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
1,1-Dichloroethene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
1,2-Dichloroethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
1,2-Dichloropropane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
2-Chloroethyl vinyl ether	ND	(60)	[6.024096]	ND	(12)	[1.191895]	ND	(250)	[25.34854]	ND	(12)	[1.25]
2-Hexanone	ND	(300)	[6.024096]	ND	(60)	[1.191895]	ND	(1300)	[25.34854]	ND	(62)	[1.25]
4-Methyl-2-pentanone(MIBK)	ND	(300)	[6.024096]	ND	(60)	[1.191895]	ND	(1300)	[25.34854]	ND	(62)	[1.25]
Acetone	18 JB	(600)	[6.024096]	4.5 JB	(120)	[1.191895]	570 J	(2500)	[25.34854]	2.8 JB	(120)	[1.25]
Benzene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Bromodichloromethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Bromomethane	ND	(60)	[6.024096]	ND	(12)	[1.191895]	ND	(250)	[25.34854]	ND	(12)	[1.25]
Carbon disulfide	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Carbon tetrachloride	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Chlorobenzene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Chloroethane	ND	(60)	[6.024096]	ND	(12)	[1.191895]	ND	(250)	[25.34854]	ND	(12)	[1.25]
Chloroform	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Chloromethane	ND	(60)	[6.024096]	ND	(12)	[1.191895]	ND	(250)	[25.34854]	ND	(12)	[1.25]
Dibromochloromethane	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Ethyl benzene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Methyl ethyl ketone	ND	(600)	[6.024096]	ND	(120)	[1.191895]	ND	(2500)	[25.34854]	ND	(120)	[1.25]
Methylene chloride	18 J	(30)	[6.024096]	9.4 B	(6)	[1.191895]	ND	(130)	[25.34854]	0.99 JB	(6.2)	[1.25]
Styrene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Tetrachloroethene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]
Toluene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

	Detection Limit	<input type="checkbox"/> = Factor	US = Not Detected	NA = Not Applicable
()				

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02
	8 - 10	3 - 5	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7
Hexachloroethane	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Indeno(1,2,3-cd)pyrene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Isophorone	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
N-Nitrosodiphenylamine	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
N-Nitrosodipropylamine	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Naphthalene	ND	(0.4) [0.040093]	0.036 J	(1.2) [0.118951]	0.036 J	(0.42) [0.042177]	0.059 J	(0.42) [0.041583]
Nitrobenzene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Pentachlorophenol	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]
Phenanthrene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.031 J	(0.42) [0.042177]	0.018 J	(0.42) [0.041583]
Phenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Pyrene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.041 J	(0.42) [0.042177]	0.01 J	(0.42) [0.041583]
bis(2-Chloroethoxy)methane	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
bis(2-Chloroethyl)ether	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
bis(2-Chloroisopropyl)ether	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
bis(2-Ethylhexyl)phthalate	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
p-Chloroaniline	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)											

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	06											
	06-MW-04											
	06-MW-04-02											
	4 - 6											
	06-SB-01											
	06-SB-01-01											
	6.5 - 9											
	06-DS-02 Dup of 06-SB-01-01											
	6.5 - 9											
	06											
06-SB-01												
06-SB-01-02												
10 - 12												

SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
Diesel Range Organics (2)	37	(26)	[131.6]	5900	(1300)	[6440]	1400	(280)	[1390]	31	(27)	[134]
Gasoline Range Organics (2)	54	(13)	[131]	ND	(13)	[126]	ND	(13)	[127]	ND	(13)	[130]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.44)	[43.53504]	240	(13)	[1300.390]	640	(13)	[1262.626]	ND	(0.45)	[44.66279]
4,4'-DDE	ND	(0.44)	[43.53504]	32	(13)	[1300.390]	41	(13)	[1262.626]	ND	(0.45)	[44.66279]
4,4'-DDT	ND	(0.87)	[43.53504]	38	(26)	[1300.390]	170	(25)	[1262.626]	0.39 JB	(0.89)	[44.66279]
Aldrin	0.58 B	(0.44)	[43.53504]	3.6 PJ	(13)	[1300.390]	6.7 PJ	(13)	[1262.626]	0.15 PJB	(0.45)	[44.66279]
Chlordane	ND	(2.2)	[43.53504]	ND	(65)	[1300.390]	ND	(63)	[1262.626]	ND	(2.2)	[44.66279]
Dieldrin	0.4 KJB	(0.44)	[43.53504]	12 KJ	(13)	[1300.390]	10 KJ	(13)	[1262.626]	ND	(0.45)	[44.66279]
Endosulfan I	0.088 KJB	(0.44)	[43.53504]	10 KJ	(13)	[1300.390]	ND	(13)	[1262.626]	0.12 KJB	(0.45)	[44.66279]
Endosulfan II	ND	(1.3)	[43.53504]	19 J	(39)	[1300.390]	ND	(38)	[1262.626]	0.53 JB	(1.3)	[44.66279]
Endosulfan Sulfate	1.5 JB	(2.2)	[43.53504]	12 KJ	(65)	[1300.390]	11 KJ	(63)	[1262.626]	0.57 KJB	(2.2)	[44.66279]
Endrin	2.4 B	(0.44)	[43.53504]	ND	(13)	[1300.390]	ND	(13)	[1262.626]	ND	(0.45)	[44.66279]
Endrin Aldehyde	ND	(0.87)	[43.53504]	12 KJ	(26)	[1300.390]	17 KJ	(25)	[1262.626]	0.18 KJB	(0.89)	[44.66279]
Heptachlor	0.1 KJB	(0.44)	[43.53504]	9.9 KJ	(13)	[1300.390]	ND	(13)	[1262.626]	ND	(0.45)	[44.66279]
Heptachlor epoxide	ND	(0.44)	[43.53504]	12 PJ	(13)	[1300.390]	15 P	(13)	[1262.626]	0.36 PJB	(0.45)	[44.66279]
Methoxychlor	ND	(2.2)	[43.53504]	ND	(65)	[1300.390]	ND	(63)	[1262.626]	ND	(2.2)	[44.66279]
PCB-1016	ND	(4.4)	[43.53504]	ND	(130)	[1300.390]	ND	(130)	[1262.626]	ND	(4.5)	[44.66279]
PCB-1221	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]	ND	(8.9)	[44.66279]
PCB-1232	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]	ND	(8.9)	[44.66279]
PCB-1242	ND	(4.4)	[43.53504]	ND	(130)	[1300.390]	ND	(130)	[1262.626]	ND	(4.5)	[44.66279]
PCB-1248	ND	(4.4)	[43.53504]	ND	(130)	[1300.390]	ND	(130)	[1262.626]	ND	(4.5)	[44.66279]
PCB-1254	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]	ND	(8.9)	[44.66279]
PCB-1260	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]	ND	(8.9)	[44.66279]
Toxaphene	ND	(22)	[43.53504]	ND	(650)	[1300.390]	ND	(630)	[1262.626]	ND	(22)	[44.66279]
alpha-BHC	ND	(0.44)	[43.53504]	11 KJ	(13)	[1300.390]	ND	(13)	[1262.626]	ND	(0.45)	[44.66279]
beta-BHC	1.1 P	(0.44)	[43.53504]	18 P	(13)	[1300.390]	370	(13)	[1262.626]	2.5	(0.45)	[44.66279]
delta-BHC	ND	(0.44)	[43.53504]	ND	(13)	[1300.390]	ND	(13)	[1262.626]	ND	(0.45)	[44.66279]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				06				06				06			
	LOCATION ID		SAMPLE ID						06-SB-01		06-SB-01		06-SB-01		06-SB-01		06-SB-01		06-SB-01	
									6.5 - 9		6.5 - 9		6.5 - 9		6.5 - 9		6.5 - 9		6.5 - 9	
gamma-BHC	ND	(0.44)	[43.53504]	50	(13)	[1300.390]	ND	(13)	[1262.626]	ND	(0.45)	[44.66279]	ND	(13)	[1262.626]	ND	(0.45)	[44.66279]	ND	(0.45)
SW8240 - Volatile Organics (ug/kg)	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,1,1-Trichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,1,2,2-Tetrachloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,1,2-Trichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,1-Dichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,1-Dichloroethene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,2-Dichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
1,2-Dichloropropane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
2-Chloroethyl vinyl ether	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)
2-Hexanone	ND	(1300)	[26.21231]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)
4-Methyl-2-pentanone(MIBK)	ND	(1300)	[26.21231]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)	[1.345895]	ND	(67)
Acetone	ND	(2600)	[26.21231]	3.9 JB	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)
Benzene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Bromodichloromethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Bromomethane	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)
Carbon disulfide	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Carbon tetrachloride	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Chlorobenzene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Chloroethane	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)
Chloroform	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Chloromethane	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)	[1.345895]	ND	(13)
Dibromochloromethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Ethyl benzene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Methyl ethyl ketone	410 J	(2600)	[26.21231]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)	[1.345895]	ND	(130)
Methylene chloride	ND	(130)	[26.21231]	13	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Styrene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Tetrachloroethene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)
Toluene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)	[1.345895]	ND	(6.7)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12

Tribromomethane(Bromoform)	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Trichloroethene	ND	(130) [26.21231]	5.7 J	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Vinyl acetate	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Vinyl chloride	ND	(260) [26.21231]	ND	(13) [1.345895]	ND	(13) [1.300390]	ND	(13) [1.340482]
Xylenes	ND	(130) [26.21231]	ND	(6.7) [1.345895]	2.7 J	(6.5) [1.300390]	ND	(6.7) [1.340482]
cis-1,3-Dichloropropene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
trans-1,2-Dichloroethene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
trans-1,3-Dichloropropene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,2-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,3-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,4-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4,5-Trichlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4,6-Trichlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dichlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dimethylphenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dinitrophenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
2,4-Dinitrotoluene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,6-Dinitrotoluene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Chloronaphthalene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Chlorophenol	ND	(1.3) [0.131061]	15	(13) [1.300390]	20	(13) [1.287514]	ND	(0.45) [0.044682]
2-Methylnaphthalene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Methylphenol(o-cresol)	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
2-Nitroaniline	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Nitrophenol	ND	(2.6) [0.131061]	ND	(26) [1.300390]	ND	(26) [1.287514]	ND	(0.89) [0.044682]
3,3'-Dichlorobenzidine	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
3-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
4,6-Dinitro-2-methylphenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01	06-DS-02	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-01	Dup of 06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12
4-Bromophenyl phenyl ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
4-Chloro-3-methylphenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
4-Chlorophenyl phenyl ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
4-Methylphenol (p-cresol)	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
4-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	(2.2) [0.044682]	ND
4-Nitrophenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	(2.2) [0.044682]	ND
Acenaphthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Acenaphthylene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Anthracene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Benzo(a)anthracene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Benzo(a)pyrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Benzo(b)fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Benzo(g,h,i)perylene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Benzo(k)fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Benzoic acid	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	(2.2) [0.044682]	ND
Benzyl alcohol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Butylbenzylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Chrysene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Di-n-octylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Dibenz(a,h)anthracene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Dibenzofuran	ND	(1.3) [0.131061]	0.92 J	(13) [1.300390]	1.1 J	(13) [1.287514]	(0.45) [0.044682]	ND
Dibutylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Diethylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Dimethylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Fluorene	ND	(1.3) [0.131061]	0.73 J	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Hexachlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Hexachlorobutadiene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND
Hexachlorocyclopentadiene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	(0.45) [0.044682]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	LOCATION ID				SAMPLE ID								
	BEG. DEPTH - END DEPTH (FT.)												

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)													
Diesel Range Organics (2)	ND	(20)	[101]	56	(25)	[126.6]	47000	(5000)	[24900]	42	(25)	[123]	
Gasoline Range Organics (2)	37	(9.8)	[98]	43	(12)	[121.3]	12000	(4900)	[49100]	16	(12)	[123]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)													
4,4'-DDD	2.8	(0.34)	[34.28179]	35	(0.42)	[42.22972]	57	(12)	[1204.819]	46	(0.41)	[41.13533]	
4,4'-DDE	2.5	(0.34)	[34.28179]	11	(0.42)	[42.22972]	17	(12)	[1204.819]	5	(0.41)	[41.13533]	
4,4'-DDT	20	(0.69)	[34.28179]	3	(0.84)	[42.22972]	15	KJ	[1204.819]	18	(0.82)	[41.13533]	
Aldrin	ND	(0.34)	[34.28179]	0.57	B	[42.22972]	ND	(12)	[1204.819]	0.089	KJB	(0.41)	[41.13533]
Chlordane	ND	(1.7)	[34.28179]	ND	(2.1)	[42.22972]	ND	(60)	[1204.819]	ND	(2.1)	[41.13533]	
Dieldrin	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	8.8	J	[1204.819]	ND	(0.41)	[41.13533]	
Endosulfan I	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	
Endosulfan II	0.036	PJB	[34.28179]	ND	(1.3)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	
Endosulfan Sulfate	1.3	JB	[34.28179]	1.5	JB	[42.22972]	31	KJ	[1204.819]	0.97	KJB	(1.2)	[41.13533]
Endrin	2.5	B	[34.28179]	2.9	(0.42)	[42.22972]	47	KJ	[1204.819]	1.7	KJB	(2.1)	[41.13533]
Endrin Aldehyde	ND	(0.69)	[34.28179]	ND	(0.84)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	
Heptachlor	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND	(24)	[1204.819]	0.23	KJB	(0.82)	[41.13533]
Heptachlor epoxide	ND	(0.34)	[34.28179]	0.27	KJB	[42.22972]	1.6	KJ	[1204.819]	ND	(0.41)	[41.13533]	
Methoxychlor	ND	(1.7)	[34.28179]	ND	(0.42)	[42.22972]	1.2	PJB	[1204.819]	0.048	PJB	(0.41)	[41.13533]
PCB-1016	ND	(3.4)	[34.28179]	ND	(2.1)	[42.22972]	ND	(60)	[1204.819]	0.078	KJ	(2.1)	[41.13533]
PCB-1221	ND	(6.9)	[34.28179]	ND	(4.2)	[42.22972]	ND	(120)	[1204.819]	ND	(4.1)	[41.13533]	
PCB-1232	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
PCB-1242	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
PCB-1248	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND	(120)	[1204.819]	ND	(4.1)	[41.13533]	
PCB-1254	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND	(120)	[1204.819]	ND	(4.1)	[41.13533]	
PCB-1260	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
Toxaphene	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
alpha-BHC	ND	(17)	[34.28179]	ND	(21)	[42.22972]	ND	(600)	[1204.819]	ND	(21)	[41.13533]	
beta-BHC	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	16	(12)	[1204.819]	ND	(0.41)	[41.13533]	
delta-BHC	0.2	KJ	[34.28179]	0.18	PJ	[42.22972]	ND	(12)	[1204.819]	0.32	KJB	(0.41)	[41.13533]
	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

Not Detected	NA = Not Applicable

[] = Factor

() = Detection Limit

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02
	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
4-Chloro-3-methylphenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
4-Chlorophenyl phenyl ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
4-Methylphenol (p-cresol)	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
4-Nitroaniline	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]
4-Nitrophenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]
Acenaphthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Acenaphthylene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Benzo(a)anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Benzo(a)pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Benzo(b)fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Benzo(g,h,i)perylene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Benzo(k)fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Benzoic acid	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]
Benzyl alcohol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Butylbenzylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Chrysene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Di-n-octylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Dibenz(a,h)anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Dibenzofuran	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Dibutylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Diethylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Dimethylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Fluorene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Hexachlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Hexachlorobutadiene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
Hexachlorocyclopentadiene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	06	06	06	06	06	06
	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02
	06-SB-02-01	06-SB-02-02	06-SB-02-01	06-SB-02-02	06-SB-02-01	06-SB-02-02
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Indeno(1,2,3-cd)pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Isophorone	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
N-Nitrosodiphenylamine	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
N-Nitrosodipropylamine	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Naphthalene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Nitrobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Pentachloropheno[	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	(59) [1.171152]	(1.8) [0.035326]
Phenanthrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Phenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
Pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
bis(2-Chloroethoxy)methane	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
bis(2-Chloroethyl) ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
bis(2-Chloroisopropyl) ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
bis(2-Ethylhexyl) phthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
p-Chloroaniline	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	06	06	06	06	06	06	06	06	06	06
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06-SS-01	06-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	890	(100)	[521]	1600	(210)	[1060]	130	(20)	[101]	[102]
Gasoline Range Organics (2)	14 B	(9.9)	[99]	ND	(10)	[105]	11 B	(10)	[101]	[98.3]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	14	(0.35)	[35.03854]	120	(1.1)	[105.6300]	60	(1)	[101.7708]	130 P
4,4'-DDE	ND	(0.35)	[35.03854]	12	(1.1)	[105.6300]	9.1	(1)	[101.7708]	140
4,4'-DDT	24	(0.7)	[35.03854]	130	(2.1)	[105.6300]	170	(2)	[101.7708]	1200
Aldrin	ND	(0.35)	[35.03854]	0.63 KJB	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.79 B
Chlordane	ND	(1.8)	[35.03854]	ND	(5.3)	[105.6300]	ND	(5.1)	[101.7708]	ND
Dieldrin	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
Endosulfan I	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
Endosulfan II	0.32 PJB	(1.1)	[35.03854]	3.4	(3.2)	[105.6300]	2.3 KJ	(3.1)	[101.7708]	ND
Endosulfan Sulfate	ND	(1.8)	[35.03854]	5.1 KJ	(5.3)	[105.6300]	ND	(5.1)	[101.7708]	1.9 PB
Endrin	2.6 B	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
Endrin Aldehyde	0.038 PJB	(0.7)	[35.03854]	0.61 KJB	(2.1)	[105.6300]	0.62 JB	(2)	[101.7708]	1.7
Heptachlor	0.42 B	(0.35)	[35.03854]	0.23 PJB	(1.1)	[105.6300]	0.069 PJB	(1)	[101.7708]	0.098 KJB
Heptachlor epoxide	0.61 B	(0.35)	[35.03854]	1.9 PB	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.32 PJB
Methoxychlor	ND	(1.8)	[35.03854]	ND	(5.3)	[105.6300]	2.8 KJ	(5.1)	[101.7708]	6.6
PCB-1016	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND
PCB-1221	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
PCB-1232	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
PCB-1242	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND
PCB-1248	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND
PCB-1254	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
PCB-1260	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
Toxaphene	ND	(18)	[35.03854]	ND	(53)	[105.6300]	ND	(51)	[101.7708]	ND
alpha-BHC	0.58 PB	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.64 B
beta-BHC	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
delta-BHC	0.88 B	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.2 PJB

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		06		06		06		06		06	
	06		06-SS-01		06-SS-02		06-SS-02-01		06-SS-02		06-SS-03		06-SS-04		06-SS-04		06-SS-04	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
gamma-BHC	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.74 B	(0.34)	[34.04834]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
SW8240 - Volatile Organics (ug/kg)	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,1,1-Trichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,1,2,2-Tetrachloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,1,2-Trichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,1-Dichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,1-Dichloroethene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,2-Dichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
1,2-Dichloropropane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
2-Chloroethyl vinyl ether	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]	ND	(10)	[1.022494]	ND	(10)	[1.022494]
2-Hexanone	ND	(53)	[1.052631]	ND	(53)	[1.061571]	ND	(52)	[1.032951]	ND	(51)	[1.022494]	ND	(51)	[1.022494]	ND	(51)	[1.022494]
4-Methyl-2-pentanone (MIBK)	ND	(53)	[1.052631]	ND	(53)	[1.061571]	ND	(52)	[1.032951]	ND	(51)	[1.022494]	ND	(51)	[1.022494]	ND	(51)	[1.022494]
Acetone	ND	(110)	[1.052631]	ND	(110)	[1.061571]	ND	(100)	[1.032951]	ND	(100)	[1.022494]	ND	(100)	[1.022494]	ND	(100)	[1.022494]
Benzene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Bromodichloromethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Bromomethane	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]	ND	(10)	[1.022494]	ND	(10)	[1.022494]
Carbon disulfide	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Carbon tetrachloride	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Chlorobenzene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Chloroethane	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]	ND	(10)	[1.022494]	ND	(10)	[1.022494]
Chloroform	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Chloromethane	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]	ND	(10)	[1.022494]	ND	(10)	[1.022494]
Dibromochloromethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Ethyl benzene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Methyl ethyl ketone	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Methylene chloride	ND	(110)	[1.052631]	ND	(110)	[1.061571]	ND	(100)	[1.032951]	ND	(100)	[1.022494]	ND	(100)	[1.022494]	ND	(100)	[1.022494]
Styrene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Tetrachloroethene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]
Toluene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]	ND	(5.1)	[1.022494]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06-SS-01	06-SS-02	06-SS-03	06-SS-04
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tribromomethane(Bromoform)	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
Trichloroethene	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
Vinyl acetate	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
Vinyl chloride	ND	(11) [1.052631]	ND	(11) [1.061571]	ND	(10) [1.032951]	ND	(10) [1.022494]
Xylenes	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
cis-1,3-Dichloropropene	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
trans-1,2-Dichloroethene	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
trans-1,3-Dichloropropene	ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
1,2-Dichlorobenzene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
1,3-Dichlorobenzene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
1,4-Dichlorobenzene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2,4,5-Trichloropheno1	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2,4,6-Trichloropheno1	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2,4-Dichloropheno1	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2,4-Dimethylpheno1	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2,4-Dinitrophenol	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
2,4-Dinitrotoluene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2,6-Dinitrotoluene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2-Chloronaphthalene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2-Chloropheno1	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2-Methylnaphthalene	0.021 J	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2-Methylpheno1(o-cresol)	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
2-Nitroaniline	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
2-Nitrophenol	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
3,3'-Dichlorobenzidine	ND	(0.7) [0.035026]	ND	(2.1) [0.105106]	ND	(2) [0.102171]	ND	(0.68) [0.034083]
3-Nitroaniline	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
4,6-Dinitro-2-methylpheno1	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		06		06	
	06-SS-01	06-SS-01-01	06-SS-02	06-SS-02-01	06-SS-03	06-SS-03-01	06-SS-04	06-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Chloro-3-methylphenol	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Chlorophenyl phenyl ether	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Methylphenol(p-cresol)	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Nitroaniline	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
4-Nitrophenol	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
Acenaphthene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	0.045 J	(0.34) [0.034083]
Acenaphthylene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Anthracene	ND	(0.35) [0.035026]	0.032 J	(1.1) [0.105106]	0.091 J	(1) [0.102171]	0.25 J	(0.34) [0.034083]
Benzo(a)anthracene	ND	(0.35) [0.035026]	0.13 J	(1.1) [0.105106]	0.36 J	(1) [0.102171]	0.76	(0.34) [0.034083]
Benzo(a)pyrene	ND	(0.35) [0.035026]	0.14 J	(1.1) [0.105106]	0.38 J	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzo(b)fluoranthene	ND	(0.35) [0.035026]	0.35 JF	(1.1) [0.105106]	0.36 J	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzo(g,h,i)perylene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	0.12 J	(1) [0.102171]	0.23 J	(0.34) [0.034083]
Benzo(k)fluoranthene	ND	(0.35) [0.035026]	0.35 JF	(1.1) [0.105106]	0.38 J	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzoic acid	0.078 J	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
Benzyl alcohol	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Butylbenzylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Chrysene	ND	(0.35) [0.035026]	0.17 J	(1.1) [0.105106]	0.42 J	(1) [0.102171]	0.91	(0.34) [0.034083]
Di-n-octylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Dibenz(a,h)anthracene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	0.13 J	(1) [0.102171]	0.17 J	(0.34) [0.034083]
Dibenzofuran	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Dibutylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Diethylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Dimethylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Fluoranthene	ND	(0.35) [0.035026]	0.18 J	(1.1) [0.105106]	0.57 J	(1) [0.102171]	1.4	(0.34) [0.034083]
Fluorene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	0.042 J	(0.34) [0.034083]
Hexachlorobenzene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Hexachlorobutadiene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Hexachlorocyclopentadiene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06-SS-01-01	06-SS-02-01	06-SS-03-01	06-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
Indeno(1,2,3-cd)pyrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	0.17 J	(1) [0.102171]	(0.34) [0.034083]
Isophorone	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
N-Nitrosodiphenylamine	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
N-Nitrosodipropylamine	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
Naphthalene	0.012 J	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
Nitrobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
Pentachlorophenol	ND	(1.8) [0.035026]	(5.3) [0.105106]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	(1.7) [0.034083]
Phenanthrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	0.078 J	(1.1) [0.105106]	0.24 J	(1) [0.102171]	(0.34) [0.034083]
Phenol	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
Pyrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	0.27 J	(1.1) [0.105106]	0.68 J	(1) [0.102171]	(0.34) [0.034083]
bis(2-Chloroethoxy)methane	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
bis(2-Chloroethyl)ether	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
bis(2-Chloroisopropyl)ether	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]
bis(2-Ethylhexyl)phthalate	0.13 J	(0.35) [0.035026]	(1.1) [0.105106]	1.6	(1.1) [0.105106]	0.069 JB	(1) [0.102171]	(0.34) [0.034083]
p-Chloroaniline	ND	(0.35) [0.035026]	(1.1) [0.105106]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	(0.34) [0.034083]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		06		07	
SW8015MEWP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	78	(20)	[102]		68	(21)	[103]		72	(35)	[177]	
Gasoline Range Organics (2)	ND	(10)	[100]		ND	(10)	[100]		19 B	(18)	[176]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	130	(3.4)	[340.9478]		79	(1)	[103.0927]		1.5	(0.59)	[58.82352]	
4,4'-DDE	32	(0.34)	[34.09478]		96	(1)	[103.0927]		2	(0.59)	[58.82352]	
4,4'-DDT	690	(34)	[1704.739]		480	(21)	[1030.927]		1.4	(1.2)	[58.82352]	
Aldrin	ND	(0.34)	[34.09478]		0.64 PJB	(1)	[103.0927]		1	(0.59)	[58.82352]	
Chlordane	ND	(1.7)	[34.09478]		ND	(5.2)	[103.0927]		ND	(2.9)	[58.82352]	
Dieldrin	ND	(0.34)	[34.09478]		ND	(1)	[103.0927]		ND	(0.59)	[58.82352]	
Endosulfan I	ND	(0.34)	[34.09478]		2.5 P	(1)	[103.0927]		0.58 KJB	(0.59)	[58.82352]	
Endosulfan II	ND	(0.34)	[34.09478]		6.3	(3.1)	[103.0927]		1.7 KJ	(1.8)	[58.82352]	
Endosulfan Sulfate	ND	(1.7)	[34.09478]		2.4 KJB	(5.2)	[103.0927]		ND	(2.9)	[58.82352]	
Endrin	3.1	(0.34)	[34.09478]		1.4 PB	(1)	[103.0927]		ND	(0.59)	[58.82352]	
Endrin Aldehyde	1.1	(0.68)	[34.09478]		2.4	(2.1)	[103.0927]		0.021 PJB	(1.2)	[58.82352]	
Heptachlor	0.17 KJB	(0.34)	[34.09478]		ND	(1)	[103.0927]		0.062 PJB	(0.59)	[58.82352]	
Heptachlor epoxide	1.6 B	(0.34)	[34.09478]		1.3 PB	(1)	[103.0927]		0.64 PB	(0.59)	[58.82352]	
Methoxychlor	1.6 J	(1.7)	[34.09478]		6.5	(5.2)	[103.0927]		0.52 KJ	(2.9)	[58.82352]	
PCB-1016	ND	(3.4)	[34.09478]		ND	(10)	[103.0927]		ND	(5.9)	[58.82352]	
PCB-1221	ND	(6.8)	[34.09478]		ND	(21)	[103.0927]		ND	(12)	[58.82352]	
PCB-1232	ND	(6.8)	[34.09478]		ND	(21)	[103.0927]		ND	(12)	[58.82352]	
PCB-1242	ND	(3.4)	[34.09478]		ND	(10)	[103.0927]		ND	(5.9)	[58.82352]	
PCB-1248	ND	(3.4)	[34.09478]		ND	(10)	[103.0927]		ND	(5.9)	[58.82352]	
PCB-1254	ND	(6.8)	[34.09478]		ND	(21)	[103.0927]		ND	(12)	[58.82352]	
PCB-1260	ND	(6.8)	[34.09478]		ND	(21)	[103.0927]		ND	(12)	[58.82352]	
Toxaphene	ND	(17)	[34.09478]		ND	(52)	[103.0927]		ND	(29)	[58.82352]	
alpha-BHC	ND	(0.34)	[34.09478]		1.5	(1)	[103.0927]		ND	(0.59)	[58.82352]	
beta-BHC	ND	(0.34)	[34.09478]		ND	(1)	[103.0927]		0.32 KJB	(0.59)	[58.82352]	
delta-BHC	0.64 B	(0.34)	[34.09478]		ND	(1)	[103.0927]		1.1 PB	(0.59)	[58.82352]	

Compiled: 23 Mar 1995

() = Detection Limit

[] = Factor

= Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	06	06	06	06	06	06	07	07	07	07
	06-SS-05	06-SS-06	06-SS-06	06-SS-06	06-SS-06-01	06-SS-06-01	07-MW-01	07-MW-01	07-MW-02	07-MW-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 6.5	5 - 6.5	2 - 4	2 - 4
gamma-BHC	ND	(0.34)	[34.09478]	ND	(1)	[103.0927]	0.9 B	(0.59)	[58.82352]	0.85 B
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
1,1,2,2-Tetrachloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
1,1,2-Trichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
1,1-Dichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
1,1-Dichloroethene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
1,2-Dichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
1,2-Dichloropropane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
2-Chloroethyl vinyl ether	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND
2-Hexanone	ND	(51)	[1.024590]	ND	(52)	[1.030927]	ND	(89)	[1.776198]	ND
4-Methyl-2-pentanone(MIBK)	ND	(51)	[1.024590]	ND	(52)	[1.030927]	ND	(89)	[1.776198]	ND
Acetone	ND	(100)	[1.024590]	ND	(100)	[1.030927]	3 JB	(180)	[1.776198]	320
Benzene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Bromodichloromethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Bromomethane	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND
Carbon disulfide	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Carbon tetrachloride	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Chlorobenzene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Chloroethane	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND
Chloroform	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Chloromethane	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND
Dibromochloromethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Ethyl benzene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Methyl ethyl ketone	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Methylene chloride	ND	(100)	[1.024590]	ND	(100)	[1.030927]	ND	(180)	[1.776198]	25 JB
Styrene	5.9 B	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	13	(8.9)	[1.776198]	7.9 B
Tetrachloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND
Toluene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	0.89 JB

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	07	07	06	06	07	07
	06-SS-05	06-SS-06	07-MW-01	07-MW-02	06-SS-05-01	06-SS-06-01	07-MW-01-02	07-MW-02-02
	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4

Tribromomethane(Bromoform)	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
Trichloroethene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
Vinyl acetate	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
Vinyl chloride	ND	(10) [1.024590]	ND	(10) [1.030927]	ND	(10) [1.030927]	(18) [1.776198]	(15) [1.538461]
Xylenes	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
cis-1,3-Dichloropropene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
trans-1,2-Dichloroethene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
trans-1,3-Dichloropropene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(5.2) [1.030927]	(8.9) [1.776198]	(7.7) [1.538461]
1,2,4-Trichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
1,2-Dichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
1,3-Dichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
1,4-Dichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2,4,5-Trichlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2,4,6-Trichlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2,4-Dichlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2,4-Dimethylphenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2,4-Dinitrophenol	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(5.2) [0.103092]	(3) [0.059009]	(69) [1.373626]
2,4-Dinitrotoluene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2,6-Dinitrotoluene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2-Chloronaphthalene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2-Chlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2-Methylnaphthalene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2-Methylphenol(o-cresol)	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
2-Nitroaniline	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(5.2) [0.103092]	(3) [0.059009]	(69) [1.373626]
2-Nitrophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(1) [0.103092]	(0.59) [0.059009]	(14) [1.373626]
3,3'-Dichlorobenzidine	ND	(0.68) [0.034073]	ND	(2.1) [0.103092]	ND	(2.1) [0.103092]	(1.2) [0.059009]	(27) [1.373626]
3-Nitroaniline	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(5.2) [0.103092]	(3) [0.059009]	(69) [1.373626]
4,6-Dinitro-2-methylphenol	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(5.2) [0.103092]	(3) [0.059009]	(69) [1.373626]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		06		07	
	06	06	06-SS-05	06-SS-06	06-SS-06-01	06-SS-06-01	0 - 0.5	0 - 0.5	06-SS-05-01	06-SS-06-01	07-MW-01	07-MW-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4
Hexachloroethane	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Indeno(1,2,3-cd)pyrene	ND	(0.34)	[0.034073]	0.067 J	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Isophorone	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
N-Nitrosodiphenylamine	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
N-Nitrosodipropylamine	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Naphthalene	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Nitrobenzene	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Pentachlorophenol	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Phenanthrene	0.025 J	(1.7)	[0.034073]	ND	(5.2)	[0.103092]	ND	(3)	[0.059009]	ND	(69)	[1.373626]
Phenol	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Pyrene	0.04 J	(0.34)	[0.034073]	0.068 J	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Chloroethoxy)methane	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Chloroethyl) ether	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Chloroisopropyl) ether	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Ethylhexyl) phthalate	0.083 JB	(0.34)	[0.034073]	0.19 J	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
p-Chloroaniline	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												
Acenaphthene	NA	NA		NA	NA		NA	(320)	[176.3668]	ND	(2700)	[1508.295]
Acenaphthylene	NA	NA		NA	NA		NA	(410)	[176.3668]	ND	(3500)	[1508.295]
Anthracene	NA	NA		NA	NA		NA	(120)	[176.3668]	ND	(1000)	[1508.295]
Benzo(a)anthracene	NA	NA		NA	NA		NA	(2.3)	[176.3668]	ND	(20)	[1508.295]
Benzo(a)pyrene	NA	NA		NA	NA		NA	(4.1)	[176.3668]	ND	(35)	[1508.295]
Benzo(b)fluoranthene	NA	NA		NA	NA		NA	(3.2)	[176.3668]	ND	(27)	[1508.295]
Benzo(g,h,i)perylene	NA	NA		NA	NA		NA	(13)	[176.3668]	ND	(110)	[1508.295]
Benzo(k)fluoranthene	NA	NA		NA	NA		NA	(3)	[176.3668]	ND	(26)	[1508.295]
Chrysene	NA	NA		NA	NA		NA	(26)	[176.3668]	ND	(230)	[1508.295]
Dibenzo(a,h)anthracene	NA	NA		NA	NA		NA	(5.3)	[176.3668]	ND	(45)	[1508.295]
Fluoranthene	NA	NA		NA	NA		NA	(37)	[176.3668]	ND	(320)	[1508.295]
Fluorene	NA	NA		NA	NA		NA	(37)	[176.3668]	210 J	(320)	[1508.295]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID	SAMPLE ID				
Indeno(1,2,3-cd)pyrene	06	06	06	07	07	07
	06-SS-05	06-SS-06	06-SS-05-01	07-MW-01	07-MW-02	07-MW-02
	06-SS-05-01	06-SS-06-01	07-MW-01-02	07-MW-02-02	07-MW-02-02	07-MW-02-02
	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4	2 - 4	2 - 4
Naphthalene	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
	BEG. DEPTH - END DEPTH (FT.)											
	07	07	07	07	07	07	07	07	07	07	07	07
	07-MW-03	07-MW-03	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04
	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02
	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3
			</									

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	1.2 B	0.53	0.51	0.38	0.65 PB	0.43
gamma-BHC	ND	(160)	(1500)	(14)	ND	(6.5)
SW8240 - Volatile Organics (ug/kg)	ND	(160)	(1500)	(14)	ND	(6.5)
1,1,1-Trichloroethane	ND	(160)	(1500)	(14)	ND	(6.5)
1,1,2,2-Tetrachloroethane	ND	(160)	(1500)	(14)	ND	(6.5)
1,1,2-Trichloroethane	ND	(160)	(1500)	(14)	ND	(6.5)
1,1-Dichloroethane	ND	(160)	(1500)	(14)	ND	(6.5)
1,1-Dichloroethene	ND	(160)	(1500)	(14)	ND	(6.5)
1,2-Dichloroethane	ND	(160)	(1500)	(14)	ND	(6.5)
1,2-Dichloropropane	ND	(160)	(1500)	(14)	ND	(6.5)
2-Chloroethyl vinyl ether	ND	(160)	(1500)	(14)	ND	(6.5)
2-Hexanone	ND	(320)	(3100)	(29)	ND	(13)
4-Methyl-2-pentanone (MIBK)	ND	(1600)	(15000)	(140)	ND	(65)
Acetone	ND	(1600)	(15000)	(140)	ND	(65)
Benzene	ND	(3200)	(31000)	(290)	39 JB	(130)
Bromodichloromethane	ND	(160)	(1500)	(14)	ND	(6.5)
Bromomethane	ND	(320)	(3100)	(29)	ND	(13)
Carbon disulfide	ND	(160)	(1500)	(14)	ND	(6.5)
Carbon tetrachloride	ND	(160)	(1500)	(14)	ND	(6.5)
Chlorobenzene	ND	(320)	(3100)	(29)	ND	(13)
Chloroethane	ND	(160)	(1500)	(14)	ND	(6.5)
Chloroform	ND	(320)	(3100)	(29)	ND	(13)
Chloromethane	ND	(160)	(1500)	(14)	ND	(6.5)
Dibromochloromethane	ND	(320)	(3100)	(29)	ND	(13)
Ethyl benzene	1200	(160)	(1500)	(14)	ND	(6.5)
Methyl ethyl ketone	ND	(3200)	(31000)	(290)	ND	(130)
Methylene chloride	ND	(160)	(1500)	(14)	2.8 JB	(6.5)
Styrene	ND	(160)	(1500)	(14)	ND	(6.5)
Tetrachloroethene	ND	(160)	(1500)	(14)	ND	(6.5)
Toluene	35 J	(160)	(1500)	(14)	ND	(6.5)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07	07	07	07	07	07	07	07
	07-MW-03	07-MW-03	07-MW-03	07-MW-04	07-MW-04	07-MW-04	07-SB-01	07-SB-01
	1.5 - 3	1.5 - 3	1.5 - 3	10 - 12	10 - 12	10 - 12	3 - 5	3 - 5

Tribromomethane(Bromoform)	ND	(160) [31.64556]	ND	(1500) [306.7484]	ND	(14) [2.857142]	ND	(6.5) [1.305483]
Trichloroethene	ND	(160) [31.64556]	ND	(1500) [306.7484]	ND	(14) [2.857142]	ND	(6.5) [1.305483]
Vinyl acetate	ND	(160) [31.64556]	ND	(1500) [306.7484]	ND	(14) [2.857142]	ND	(6.5) [1.305483]
Vinyl chloride	ND	(320) [31.64556]	ND	(3100) [306.7484]	ND	(29) [2.857142]	ND	(13) [1.305483]
Xylenes	3500	(160) [31.64556]	2600	(1500) [306.7484]	5.1 J	(14) [2.857142]	ND	(6.5) [1.305483]
cis-1,3-Dichloropropene	ND	(160) [31.64556]	ND	(1500) [306.7484]	ND	(14) [2.857142]	ND	(6.5) [1.305483]
trans-1,2-Dichloroethene	ND	(160) [31.64556]	ND	(1500) [306.7484]	ND	(14) [2.857142]	ND	(6.5) [1.305483]
trans-1,3-Dichloropropene	ND	(160) [31.64556]	ND	(1500) [306.7484]	ND	(14) [2.857142]	ND	(6.5) [1.305483]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
1,2-Dichlorobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
1,3-Dichlorobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
1,4-Dichlorobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2,4,5-Trichlorophenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2,4,6-Trichlorophenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2,4-Dichlorophenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2,4-Dimethylphenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2,4-Dinitrophenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
2,4-Dinitrotoluene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2,6-Dinitrotoluene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2-Chloronaphthalene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2-Chlorophenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2-Methylphenol(o-cresol)	40	(16) [1.582278]	82	(14) [1.446926]	ND	(0.38) [0.038069]	0.45 J	(1.3) [0.129127]
2-Nitroaniline	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
2-Nitrophenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
3,3'-Dichlorobenzidine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
3-Nitroaniline	ND	(32) [1.582278]	ND	(29) [1.446926]	ND	(0.76) [0.038069]	ND	(2.6) [0.129127]
4,6-Dinitro-2-methylphenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							
	07 07-MW-03 07-MW-03-02 1.5 - 3	07 07-MW-03 07-MW-03-02 1.5 - 3	07 07-MW-04 07-MW-04-02 10 - 12	07 07-SB-01 07-SB-01-01 3 - 5				
4-Bromophenyl phenyl ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
4-Chloro-3-methylphenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
4-Chlorophenyl phenyl ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
4-Methylphenol (p-cresol)	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
4-Nitroaniline	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
4-Nitrophenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
Acenaphthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Acenaphthylene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Anthracene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Benzo(a)anthracene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Benzo(a)pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Benzo(b)fluoranthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Benzo(g,h,i)perylene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Benzo(k)fluoranthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Benzoic acid	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
Benzyl alcohol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Butylbenzylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Chrysene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Di-n-octylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Dibenz(a,h)anthracene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Dibenzofuran	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Dibutylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Diethylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Dimethylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Fluoranthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Fluorene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Hexachlorobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Hexachlorobutadiene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Hexachlorocyclopentadiene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07	07	07	07	07	07	07	07
	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03
	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02
	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3
Hexachloroethane	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Indeno(1,2,3-cd)pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Isophorone	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
N-Nitrosodiphenylamine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
N-Nitrosodipropylamine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Naphthalene	8.6 J	(16) [1.582278]	19	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Nitrobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Pentachlorophenol	ND	(79) [1.582278]	ND	(14) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
Phenanthrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Phenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroethoxy)methane	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroethyl)ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroisopropyl)ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Ethylhexyl)phthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
p-Chloroaniline	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	2.8	(1.3) [0.129127]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Acenaphthene	ND	(2800) [1557.632]	ND	(2700) [1519.756]	12 J	(200) [112.6126]	120 J	(230) [127.3885]
Acenaphthylene	1800 J	(3600) [1557.632]	1900 J	(3500) [1519.756]	ND	(260) [112.6126]	ND	(290) [127.3885]
Anthracene	460 J	(1000) [1557.632]	440 J	(1000) [1519.756]	ND	(74) [112.6126]	ND	(84) [127.3885]
Benzo(a)anthracene	ND	(20) [1557.632]	ND	(20) [1519.756]	ND	(1.5) [112.6126]	2.6	(1.7) [127.3885]
Benzo(a)pyrene	ND	(36) [1557.632]	ND	(35) [1519.756]	ND	(2.6) [112.6126]	2 J	(2.9) [127.3885]
Benzo(b)fluoranthene	ND	(28) [1557.632]	ND	(27) [1519.756]	3	(2) [112.6126]	8.4	(2.3) [127.3885]
Benzo(g,h,i)perylene	ND	(120) [1557.632]	ND	(120) [1519.756]	12	(8.6) [112.6126]	9.3 J	(9.7) [127.3885]
Benzo(k)fluoranthene	ND	(26) [1557.632]	ND	(26) [1519.756]	0.77 J	(1.9) [112.6126]	0.88 J	(2.2) [127.3885]
Chrysene	ND	(230) [1557.632]	ND	(230) [1519.756]	ND	(17) [112.6126]	13 J	(19) [127.3885]
Dibenzo(a,h)anthracene	ND	(47) [1557.632]	ND	(46) [1519.756]	ND	(3.4) [112.6126]	ND	(3.8) [127.3885]
Fluoranthene	560	(330) [1557.632]	ND	(320) [1519.756]	ND	(24) [112.6126]	26 J	(27) [127.3885]
Fluorene	540	(330) [1557.632]	600	(320) [1519.756]	ND	(24) [112.6126]	ND	(27) [127.3885]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
Indeno(1,2,3-cd)pyrene	48 J	(67)	[1557.632]	ND	(65)	[1519.756]	4.7 J	(4.8)	[112.6126]	ND	(5.5)	[127.3885]
	27000	(2800)	[1557.632]	32000	(2700)	[1519.756]	16 J	(200)	[112.6126]	2.1 J	(230)	[127.3885]
	2800	(1000)	[1557.632]	2800	(970)	[1519.756]	1100	(72)	[112.6126]	200	(82)	[127.3885]
	690	(420)	[1557.632]	490	(410)	[1519.756]	ND	(30)	[112.6126]	ND	(34)	[127.3885]
Naphthalene												
Phenanthrene												
Pyrene												

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER	07	07	07	07	07	07	07	07	07	07	07	07
	07-SB-02	07-SB-03	07-SB-01	07-SB-02	07-SB-03	07-SB-01	07-SB-02	07-SB-03	07-SB-01	07-SB-02	07-SB-03	07-SB-01
	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	790	(300)	[1490]	36	(27)	[133]	26000	(5600)	[28200]	45000	(7500)	[37700]
Gasoline Range Organics (2)	17 B	(15)	[150]	ND	(13)	[134]	ND	(1400)	[13900]	ND	(1300)	[13300]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	11	(0.5)	[49.82561]	ND	(0.45)	[44.80286]	1300	(9.4)	[941.3979]	810	(9.1)	[911.7016]
4,4'-DDE	1.5 P	(0.5)	[49.82561]	0.53	(0.45)	[44.80286]	120	(9.4)	[941.3979]	74	(9.1)	[911.7016]
4,4'-DDT	1.3	(1)	[49.82561]	0.088 PJB	(0.9)	[44.80286]	1.4 PJ	(19)	[941.3979]	0.89 PJB	(18)	[911.7016]
Aldrin	1.1	(0.5)	[49.82561]	1.1	(0.45)	[44.80286]	ND	(9.4)	[941.3979]	ND	(0.65)	[64.85084]
Chlordane	ND	(2.5)	[49.82561]	ND	(2.2)	[44.80286]	ND	(47)	[941.3979]	ND	(46)	[911.7016]
Dieldrin	ND	(0.5)	[49.82561]	0.32 PJB	(0.45)	[44.80286]	20 P	(9.4)	[941.3979]	22 P	(9.1)	[911.7016]
Endosulfan I	0.45 JB	(0.5)	[49.82561]	0.19 KJB	(0.45)	[44.80286]	8.5 KJ	(9.4)	[941.3979]	7.1 KJ	(9.1)	[911.7016]
Endosulfan II	ND	(1.5)	[49.82561]	0.19 PJB	(1.3)	[44.80286]	5.1 KJ	(28)	[941.3979]	ND	(27)	[911.7016]
Endosulfan Sulfate	ND	(2.5)	[49.82561]	0.69 KJB	(2.2)	[44.80286]	23 KJ	(47)	[941.3979]	12 KJ	(46)	[911.7016]
Endrin	ND	(0.5)	[49.82561]	ND	(0.45)	[44.80286]	29	(9.4)	[941.3979]	28	(9.1)	[911.7016]
Endrin Aldehyde	0.74 KJ	(1)	[49.82561]	0.34 KJB	(0.9)	[44.80286]	4 KJ	(19)	[941.3979]	5.3 KJ	(18)	[911.7016]
Heptachlor	0.0065 PJB	(0.5)	[49.82561]	0.068 PJB	(0.45)	[44.80286]	5.5 J	(9.4)	[941.3979]	5.1 J	(9.1)	[911.7016]
Heptachlor epoxide	0.81 PB	(0.5)	[49.82561]	0.32 PJB	(0.45)	[44.80286]	5.4 PJ	(9.4)	[941.3979]	5.8 PJ	(9.1)	[911.7016]
Methoxychlor	1.1 KJ	(2.5)	[49.82561]	0.36 KJ	(2.2)	[44.80286]	16 KJ	(47)	[941.3979]	ND	(46)	[911.7016]
PCB-1016	ND	(5)	[49.82561]	ND	(4.5)	[44.80286]	ND	(94)	[941.3979]	ND	(91)	[911.7016]
PCB-1221	ND	(10)	[49.82561]	ND	(9)	[44.80286]	ND	(190)	[941.3979]	ND	(180)	[911.7016]
PCB-1232	ND	(10)	[49.82561]	ND	(9)	[44.80286]	ND	(190)	[941.3979]	ND	(180)	[911.7016]
PCB-1242	ND	(5)	[49.82561]	ND	(4.5)	[44.80286]	ND	(94)	[941.3979]	ND	(91)	[911.7016]
PCB-1248	ND	(5)	[49.82561]	ND	(4.5)	[44.80286]	ND	(94)	[941.3979]	ND	(91)	[911.7016]
PCB-1254	ND	(10)	[49.82561]	ND	(9)	[44.80286]	ND	(190)	[941.3979]	ND	(180)	[911.7016]
PCB-1260	ND	(10)	[49.82561]	ND	(9)	[44.80286]	ND	(190)	[941.3979]	ND	(180)	[911.7016]
Toxaphene	ND	(25)	[49.82561]	ND	(22)	[44.80286]	ND	(470)	[941.3979]	ND	(460)	[911.7016]
alpha-BHC	ND	(0.5)	[49.82561]	ND	(0.45)	[44.80286]	16	(9.4)	[941.3979]	16	(9.1)	[911.7016]
beta-BHC	ND	(0.5)	[49.82561]	0.4 KJB	(0.45)	[44.80286]	6.7 PJ	(9.4)	[941.3979]	ND	(9.1)	[911.7016]
delta-BHC	4.1 P	(0.5)	[49.82561]	1.8 P	(0.45)	[44.80286]	30	(9.4)	[941.3979]	27	(9.1)	[911.7016]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07	07	07	07	07	07	07	07
	07-SB-02	07-SB-03	07-SB-01	07-SB-01	07-SB-01-01	07-SB-01-01	07-SD-01	07-SD-01
	3 - 5	3 - 5	3 - 5	3 - 5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	1.1 B	0.5	0.73 PB	0.45	44.80286	ND	9.4	9.1
gamma-BHC	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
SW8240 - Volatile Organics (ug/kg)	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,1,1-Trichloroethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,1,2,2-Tetrachloroethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,1,2-Trichloroethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,1-Dichloroethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,1-Dichloroethene	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,2-Dichloroethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
1,2-Dichloropropane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
2-Chloroethyl vinyl ether	ND	(15)	ND	(13)	[1.349527]	ND	(280)	(270)
2-Hexanone	ND	(75)	ND	(67)	[1.349527]	ND	(1400)	(1400)
4-Methyl-2-pentanone (MIBK)	ND	(75)	ND	(67)	[1.349527]	ND	(1400)	(1400)
Acetone	41 JB	(150)	65 JB	(130)	[1.349527]	ND	(2800)	(2700)
Benzene	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Bromodichloromethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Bromomethane	ND	(15)	ND	(13)	[1.349527]	ND	(280)	(270)
Carbon disulfide	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Carbon tetrachloride	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Chlorobenzene	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Chloroethane	ND	(15)	ND	(13)	[1.349527]	ND	(280)	(270)
Chloroform	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Chloromethane	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Dibromochloromethane	ND	(15)	ND	(13)	[1.349527]	ND	(280)	(270)
Ethyl benzene	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Methyl ethyl ketone	ND	(150)	8.5 JB	(130)	[1.349527]	ND	(2800)	(2700)
Methylene chloride	6.3 JB	(7.5)	1.9 JB	(6.7)	[1.349527]	ND	(140)	(140)
Styrene	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Tetrachloroethene	ND	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)
Toluene	0.42 JB	(7.5)	ND	(6.7)	[1.349527]	ND	(140)	(140)

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

[] = Factor [●] = Not Detected

() = Detection Limit

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				07				07				07			
	LOCATION ID				SAMPLE ID				07-SB-03				07-SB-01-01				07-SB-01			
	3 - 5				3 - 5				0 - 0.5				0 - 0.5				0 - 0.5			
4-Bromophenyl phenyl ether	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
4-Chloro-3-methylphenol	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
4-Chlorophenyl phenyl ether	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
4-Methylphenol (p-cresol)	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
4-Nitroaniline	ND	(7.5)	[0.149925]	ND	(2.2)	[0.044954]	ND	(2.2)	[0.044954]	ND	(64)	[1.285842]	ND	(50)	[1.005874]					
4-Nitrophenol	ND	(7.5)	[0.149925]	ND	(2.2)	[0.044954]	ND	(2.2)	[0.044954]	ND	(64)	[1.285842]	ND	(50)	[1.005874]					
Acenaphthene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Acenaphthylene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Anthracene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Benzo(a)anthracene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Benzo(a)pyrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Benzo(b)fluoranthene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Benzo(g,h,i)perylene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Benzo(k)fluoranthene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Benzoic acid	ND	(7.5)	[0.149925]	ND	(2.2)	[0.044954]	ND	(2.2)	[0.044954]	ND	(64)	[1.285842]	ND	(50)	[1.005874]					
Benzyl alcohol	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Butylbenzylphthalate	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Chrysene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Di-n-octylphthalate	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Dibenz(a,h)anthracene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Dibenzofuran	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Diethylphthalate	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Diethylphthalate	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Dimethylphthalate	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Fluoranthene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Fluorene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Hexachlorobenzene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Hexachlorobutadiene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					
Hexachlorocyclopentadiene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]					

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07				07				07			
	07-SB-02		07-SB-03		07-SB-03		07-SD-01		07-SD-01		07-SD-01	
	07-SB-02-01		07-SB-03-01		07-SB-03-01		07-SD-01-01		07-SD-01-01		07-SD-01-01	
	3 - 5		3 - 5		3 - 5		0 - 0.5		0 - 0.5		0 - 0.5	
Hexachloroethane	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Indeno(1,2,3-cd)pyrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Isophorone	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
N-Nitrosodiphenylamine	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
N-Nitrosodipropylamine	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Naphthalene	0.32 J	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Nitrobenzene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Pentachloropheno1	ND	(7.5)	[0.149925]	ND	(2.2)	[0.044954]	ND	(64)	[1.285842]	ND	(50)	[1.005874]
Phenanthrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Phenol	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
Pyrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	0.33 J	(10)	[1.005874]
bis(2-Chloroethoxy)methane	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
bis(2-Chloroethyl) ether	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
bis(2-Chloroisopropyl) ether	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
bis(2-Ethylhexyl) phthalate	ND	(1.5)	[0.149925]	0.049 JB	(0.45)	[0.044954]	0.74 J	(13)	[1.285842]	ND	(10)	[1.005874]
p-Chloroaniline	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												
Acenaphthene	ND	(260)	[145.9854]	220 J	(240)	[132.4503]	ND	(840)	[467.2897]	380 J	(820)	[454.5454]
Acenaphthylene	310 J	(340)	[145.9854]	ND	(300)	[132.4503]	ND	(1100)	[467.2897]	ND	(1000)	[454.5454]
Anthracene	ND	(96)	[145.9854]	ND	(87)	[132.4503]	ND	(310)	[467.2897]	19 J	(300)	[454.5454]
Benzo(a)anthracene	2.7	(1.9)	[145.9854]	3.4	(1.7)	[132.4503]	11	(6.1)	[467.2897]	16	(5.9)	[454.5454]
Benzo(a)pyrene	2.3 J	(3.4)	[145.9854]	2.8 J	(3)	[132.4503]	5.1 J	(11)	[467.2897]	8.6 J	(10)	[454.5454]
Benzo(b)fluoranthene	ND	(2.6)	[145.9854]	10	(2.4)	[132.4503]	22	(8.4)	[467.2897]	28	(8.2)	[454.5454]
Benzo(g,h,i)perylene	10 J	(11)	[145.9854]	17	(10)	[132.4503]	15 J	(36)	[467.2897]	12 J	(35)	[454.5454]
Benzo(k)fluoranthene	1.3 J	(2.5)	[145.9854]	1.1 J	(2.3)	[132.4503]	7.2 J	(7.9)	[467.2897]	9.8	(7.7)	[454.5454]
Chrysene	14 J	(22)	[145.9854]	ND	(20)	[132.4503]	ND	(70)	[467.2897]	ND	(68)	[454.5454]
Dibenzo(a,h)anthracene	ND	(4.4)	[145.9854]	ND	(4)	[132.4503]	ND	(14)	[467.2897]	ND	(14)	[454.5454]
Fluoranthene	4.6 J	(31)	[145.9854]	11 J	(28)	[132.4503]	100	(98)	[467.2897]	140	(95)	[454.5454]
Fluorene	ND	(31)	[145.9854]	ND	(28)	[132.4503]	68 J	(98)	[467.2897]	670	(95)	[454.5454]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor

NA = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-SB-02	07-SB-03	07-SD-01	07-SD-01
	07-SB-02-01	07-SB-03-01	07-SD-01-01	07-DS-03 Dup of 07-SD-01-01
	3 - 5	3 - 5	0 - 0.5	0 - 0.5

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07	07	07	07	07	07	07	07
	07-SD-02	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01
	07-SD-02-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Tribromomethane (Bromoform)	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]
Trichloroethene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]
Vinyl acetate	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]
Vinyl chloride	ND	(47) [4.716981]	ND	(260) [26.07561]	ND	(660) [66.05019]	ND	(26) [2.570694]
Xylenes	ND	(24) [4.716981]	23000	(330) [65.18904]	17000	(330) [66.05019]	ND	(13) [2.570694]
cis-1,3-Dichloropropene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]
trans-1,2-Dichloroethene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]
trans-1,3-Dichloropropene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
1,2-Dichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
1,3-Dichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
1,4-Dichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2,4,5-Trichlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2,4,6-Trichlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2,4-Dichlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2,4-Dimethylphenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2,4-Dinitrophenol	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]
2,4-Dinitrotoluene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2,6-Dinitrotoluene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2-Chloronaphthalene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2-Chlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2-Methylnaphthalene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2-Methylphenol (o-cresol)	ND	(4.7) [0.469351]	63	(11) [1.108573]	65	(11) [1.090524]	ND	(8.7) [0.866100]
2-Nitroaniline	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
2-Nitrophenol	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]
3,3'-Dichlorobenzidine	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
3-Nitroaniline	ND	(9.4) [0.469351]	ND	(22) [1.108573]	ND	(22) [1.090524]	ND	(17) [0.866100]
4,6-Dinitro-2-methylphenol	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]
	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		07		07	
	07-SD-02	07-SD-02-01	07-SS-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01	07-SS-01	07-SS-02	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
4-Chloro-3-methylphenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
4-Chlorophenyl phenyl ether	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
4-Methylphenol (p-cresol)	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
4-Nitroaniline	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(55) [1.090524]	ND	(43) [0.866100]
4-Nitrophenol	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(55) [1.090524]	ND	(43) [0.866100]
Acenaphthene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Acenaphthylene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Anthracene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Benzo(a)anthracene	0.24 J	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Benzo(a)pyrene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Benzo(b)fluoranthene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Benzo(g,h,i)perylene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Benzo(k)fluoranthene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Benzoic acid	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(55) [1.090524]	ND	(43) [0.866100]
Benzyl alcohol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Butylbenzylphthalate	0.35 J	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Chrysene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Di-n-octylphthalate	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Dibenz(a,h)anthracene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Dibenzofuran	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Dibutylphthalate	0.13 J	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Diethylphthalate	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Dimethylphthalate	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Fluoranthene	0.094 J	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Fluorene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Hexachlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Hexachlorobutadiene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]
Hexachlorocyclopentadiene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(11) [1.090524]	ND	(8.7) [0.866100]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit ☐ = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
Indeno(1,2,3-cd)pyrene	30 J	(34)	[792.3930]	6.9 J	(8.4)	[195.3125]	6 J	(8.3)	[193.6483]	ND	(65)	[1510.574]
	ND	(1400)	[792.3930]	20000	(350)	[195.3125]	17000	(350)	[193.6483]	ND	(2700)	[1510.574]
	ND	(510)	[792.3930]	1400	(120)	[195.3125]	1500	(120)	[193.6483]	ND	(970)	[1510.574]
	ND	(210)	[792.3930]	98	(53)	[195.3125]	95	(52)	[193.6483]	ND	(410)	[1510.574]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				07				09			
	LOCATION ID				SAMPLE ID				07-SS-04				07-SS-05			
									07-SS-04-01				07-SS-05-01			
	0 - 0.5				0 - 0.5				0 - 0.5				0 - 0.5			
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	21000	(2200)	[11100]		1700	(120)	[625]		44000	(9500)	[47600]		230	(120)	[588]	
Diesel Range Organics (2)	420	(50)	[505]		ND	(65)	[646]		ND	(95)	[947]		ND	(12)	[117]	
Gasoline Range Organics (2)																
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	830	(15)	[1515.151]		210	(2.2)	[215.5172]		1100	(33)	[3278.688]					
4,4'-DDD	45	(0.76)	[75.75757]		12	(2.2)	[215.5172]		76	(1.6)	[163.9344]					
4,4'-DDE	19	(1.5)	[75.75757]		3.6 PJ	(4.3)	[215.5172]		4.2	(3.3)	[163.9344]					
4,4'-DDT	ND	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
Aldrin	ND	(3.8)	[75.75757]		ND	(11)	[215.5172]		ND	(8.2)	[163.9344]					
Chlordane	ND	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
Dieldrin	ND	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
Endosulfan I	ND	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
Endosulfan II	ND	(2.3)	[75.75757]		3.1 KJ	(6.5)	[215.5172]		ND	(4.9)	[163.9344]					
Endosulfan Sulfate	1.1 JB	(3.8)	[75.75757]		4.9 J	(11)	[215.5172]		3.6 JB	(8.2)	[163.9344]					
Endrin	ND	(0.76)	[75.75757]		2 PJB	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
Endrin Aldehyde	1.4 J	(1.5)	[75.75757]		1.5 KJ	(4.3)	[215.5172]		2.1 KJ	(3.3)	[163.9344]					
Heptachlor	ND	(0.76)	[75.75757]		0.74 KJB	(2.2)	[215.5172]		0.75 KJB	(1.6)	[163.9344]					
Heptachlor epoxide	ND	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
Methoxychlor	ND	(3.8)	[75.75757]		2.1 KJ	(11)	[215.5172]		ND	(8.2)	[163.9344]					
PCB-1016	ND	(7.6)	[75.75757]		ND	(22)	[215.5172]		ND	(16)	[163.9344]					
PCB-1221	ND	(15)	[75.75757]		ND	(43)	[215.5172]		ND	(33)	[163.9344]					
PCB-1232	ND	(15)	[75.75757]		ND	(43)	[215.5172]		ND	(33)	[163.9344]					
PCB-1242	ND	(7.6)	[75.75757]		ND	(22)	[215.5172]		ND	(16)	[163.9344]					
PCB-1248	ND	(7.6)	[75.75757]		ND	(22)	[215.5172]		ND	(16)	[163.9344]					
PCB-1254	ND	(15)	[75.75757]		ND	(43)	[215.5172]		ND	(33)	[163.9344]					
PCB-1260	ND	(15)	[75.75757]		ND	(43)	[215.5172]		ND	(33)	[163.9344]					
Toxaphene	ND	(38)	[75.75757]		ND	(110)	[215.5172]		ND	(82)	[163.9344]					
alpha-BHC	1.8 P	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
beta-BHC	16	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					
delta-BHC	ND	(0.76)	[75.75757]		ND	(2.2)	[215.5172]		ND	(1.6)	[163.9344]					

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		07		09	
	5.6	(0.76)	[75.75757]	1.9 PJ	(2.2)	[215.5172]	ND	(1.6)	[163.9344]	ND	07	09
											07-SS-05	09-MW-01
											07-SS-05-01	09-MW-01-02
											0 - 0.5	2 - 3
gamma-BHC	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
SW8240 - Volatile Organics (ug/kg)	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,1,1-Trichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,1,2,2-Tetrachloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,1,2-Trichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,1-Dichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,1-Dichloroethene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,2-Dichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
1,2-Dichloropropane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
2-Chloroethyl vinyl ether	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND		
2-Hexanone	ND	(250)	[5.050505]	ND	(320)	[6.493506]	ND	(250)	[4.950495]	ND		
4-Methyl-2-pentanone(MIBK)	ND	(250)	[5.050505]	ND	(320)	[6.493506]	ND	(250)	[4.950495]	ND		
Acetone	700	(510)	[5.050505]	190 J	(650)	[6.493506]	ND	(500)	[4.950495]	ND		
Benzene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	0.16 JB		
Bromodichloromethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Bromomethane	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND		
Carbon disulfide	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Carbon tetrachloride	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Chlorobenzene	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND		
Chloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Chloroform	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND		
Chloromethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Dibromochloromethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Ethyl benzene	27	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Methyl ethyl ketone	120 J	(510)	[5.050505]	ND	(650)	[6.493506]	ND	(500)	[4.950495]	ND		
Methylene chloride	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	17		
Styrene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Tetrachloroethene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND		
Toluene	5.4 J	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	0.5 JB		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07	07	07	07	07	07	09	09
	07-SS-03	07-SS-04	07-SS-05	07-SS-06	07-SS-07	07-SS-08	09-MW-01	09-MW-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	2 - 3

Tribromomethane (Bromoform)	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
Trichloroethene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
Vinyl acetate	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
Vinyl chloride	ND	(51) [5.050505]	ND	(65) [6.493506]	ND	(50) [4.950495]	ND	(12) [1.189060]
Xylenes	300	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	1.3 J	(5.9) [1.189060]
cis-1,3-Dichloropropene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
trans-1,2-Dichloroethene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
trans-1,3-Dichloropropene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
SW8270 - Semivolatile Organics (mg/kg)	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]
1,2,4-Trichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
1,2-Dichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
1,3-Dichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
1,4-Dichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2,4,5-Trichlorophenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2,4,6-Trichlorophenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2,4-Dichlorophenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2,4-Dimethylphenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2,4-Dinitrophenol	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]
2,4-Dinitrotoluene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2,6-Dinitrotoluene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2-Chloronaphthalene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2-Chlorophenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2-Methylnaphthalene	0.72 J	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.63 J	(5) [0.495049]	ND	(0.39) [0.039477]
2-Methylphenol (o-cresol)	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
2-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]
2-Nitrophenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
3,3'-Dichlorobenzidine	ND	(4.5) [0.225245]	ND	(13) [0.645477]	ND	(9.9) [0.495049]	ND	(0.79) [0.039477]
3-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]
4,6-Dinitro-2-methylphenol	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	07	07	07	07	09	
	07-SS-03	07-SS-04	07-SS-05	07-SS-05-01	09-MW-01	
	07-SS-03-01	07-SS-04-01	07-SS-05-01	07-SS-05-01	09-MW-01-02	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	
4-Bromophenyl phenyl ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Chloro-3-methylphenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Chlorophenyl phenyl ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Methylphenol (p-cresol)	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(2) [0.039477]
4-Nitrophenol	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(2) [0.039477]
Acenaphthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Acenaphthylene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Benzo(a)anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.011 J	(0.39) [0.039477]
Benzo(a)pyrene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.048 J	(0.39) [0.039477]
Benzo(b)fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.17 J	(0.39) [0.039477]
Benzo(g,h,i)perylene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.36 J	(0.39) [0.039477]
Benzo(k)fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.47	(0.39) [0.039477]
Benzoic acid	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.1 J	(0.39) [0.039477]
Benzyl alcohol	ND	(11) [0.225245]	2 J	(32) [0.645477]	0.44	(0.39) [0.039477]
Butylbenzylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(2) [0.039477]
Chrysene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Di-n-octylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Dibenz(a,h)anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Dibenzofuran	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.36 J	(0.39) [0.039477]
Dibutylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Diethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Dimethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.057 J	(0.39) [0.039477]
Fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Fluorene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Hexachlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Hexachlorobutadiene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Hexachlorocyclopentadiene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]

Compiled: 23 March 1995

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				07				09			
	LOCATION ID		SAMPLE ID		07		07		07-SS-03		07-SS-04		07-SS-05		09-MW-01	
					0 - 0.5		0 - 0.5		07-SS-03-01		07-SS-04-01		07-SS-05-01		09-MW-01-02	
Hexachloroethane	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
Indeno(1,2,3-cd)pyrene	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	0.12 J	(0.39)	[0.039477]	
Isophorone	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
N-Nitrosodiphenylamine	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
N-Nitrosodipropylamine	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
Naphthalene	0.36 J	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
Nitrobenzene	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	0.15 J	(0.39)	[0.039477]	
Pentachloropheno	ND	(11)	[0.225245]	ND	(32)	[0.645477]	ND	(25)	[0.495049]	ND	(25)	[0.495049]	ND	(2)	[0.039477]	
Phenanthrene	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	0.15 J	(0.39)	[0.039477]	
Phenol	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
Pyrene	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	0.22 J	(5)	[0.495049]	0.53	(0.39)	[0.039477]	
bis(2-Chloroethoxy)methane	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
bis(2-Chloroethyl)ether	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
bis(2-Chloroisopropyl)ether	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
bis(2-Ethylhexyl)phthalate	0.34 J	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	0.98	(0.39)	[0.039477]	
p-Chloroaniline	ND	(2.3)	[0.225245]	ND	(6.5)	[0.645477]	ND	(5)	[0.495049]	ND	(5)	[0.495049]	ND	(0.39)	[0.039477]	
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)																
Acenaphthene	580 J	(680)	[378.7878]	200 J	(400)	[222.2222]	ND	(1500)	[830.5647]	ND	(1500)	[830.5647]	NA			
Acenaphthylene	56 J	(870)	[378.7878]	ND	(510)	[222.2222]	ND	(1900)	[830.5647]	ND	(1900)	[830.5647]	NA			
Anthracene	ND	(250)	[378.7878]	ND	(150)	[222.2222]	ND	(550)	[830.5647]	ND	(550)	[830.5647]	NA			
Benzo(a)anthracene	ND	(4.9)	[378.7878]	2.2 J	(2.9)	[222.2222]	ND	(11)	[830.5647]	ND	(11)	[830.5647]	NA			
Benzo(a)pyrene	ND	(8.7)	[378.7878]	2.4 J	(5.1)	[222.2222]	8.4 J	(19)	[830.5647]	ND	(19)	[830.5647]	NA			
Benzo(b)fluoranthene	ND	(6.8)	[378.7878]	4.7	(4)	[222.2222]	ND	(15)	[830.5647]	ND	(15)	[830.5647]	NA			
Benzo(g,h,i)perylene	ND	(29)	[378.7878]	5.9 J	(17)	[222.2222]	33 J	(63)	[830.5647]	ND	(63)	[830.5647]	NA			
Benzo(k)fluoranthene	0.48 J	(6.4)	[378.7878]	0.96 J	(3.8)	[222.2222]	ND	(14)	[830.5647]	ND	(14)	[830.5647]	NA			
Chrysene	ND	(57)	[378.7878]	ND	(33)	[222.2222]	ND	(120)	[830.5647]	ND	(120)	[830.5647]	NA			
Dibenzo(a,h)anthracene	ND	(11)	[378.7878]	ND	(6.7)	[222.2222]	ND	(25)	[830.5647]	ND	(25)	[830.5647]	NA			
Fluoranthene	ND	(80)	[378.7878]	ND	(47)	[222.2222]	ND	(170)	[830.5647]	ND	(170)	[830.5647]	NA			
Fluorene	71 J	(80)	[378.7878]	15 J	(47)	[222.2222]	ND	(170)	[830.5647]	ND	(170)	[830.5647]	NA			

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	09
	07-SS-03	07-SS-04	07-SS-05	09-MW-01
	07-SS-03-01	07-SS-04-01	07-SS-05-01	09-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID																								
	LOCATION ID				SAMPLE ID																				
	BEG. DEPTH - END DEPTH (FT.)				09				09																
	09-MW-02 09-MW-02-02 2.5 - 4.5				09-MW-03 09-MW-03-02 2.5 - 4				09-MW-04 09-MW-04-02 3 - 3.5				09-MW-05 09-MW-05-02 2.5 - 4												
-----													-----												
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)																									
Diesel Range Organics (2)		ND	(24)	[117.6]	ND	(20)	[100]	55	(25)	[125]	ND	(26)	[131]												
Gasoline Range Organics (2)		ND	(12)	[119]	ND	(11)	[106]	ND	(13)	[126.9]	ND	(13)	[131]												
SW8240 - Volatile Organics (ug/kg)		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,1,1-Trichloroethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,1,2,2-Tetrachloroethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,1,2-Trichloroethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,1-Dichloroethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,1-Dichloroethene		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,2-Dichloroethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
1,2-Dichloropropane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
2-Chloroethyl vinyl ether		ND	(240)	[23.95209]	ND	(11)	[1.052631]	ND	(13)	[1.273885]	ND	(13)	[1.324503]												
2-Hexanone		ND	(1200)	[23.95209]	ND	(53)	[1.052631]	ND	(64)	[1.273885]	ND	(66)	[1.324503]												
4-Methyl-2-pentanone(MIBK)		ND	(1200)	[23.95209]	ND	(53)	[1.052631]	ND	(64)	[1.273885]	ND	(66)	[1.324503]												
Acetone		ND	(2400)	[23.95209]	ND	(110)	[1.052631]	82 JB	(130)	[1.273885]	ND	(130)	[1.324503]												
Benzene		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Bromodichloromethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Bromomethane		ND	(240)	[23.95209]	ND	(11)	[1.052631]	ND	(13)	[1.273885]	ND	(13)	[1.324503]												
Carbon disulfide		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Carbon tetrachloride		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Chlorobenzene		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Chloroethane		ND	(240)	[23.95209]	ND	(11)	[1.052631]	ND	(13)	[1.273885]	ND	(13)	[1.324503]												
Chloroform		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Chloromethane		ND	(240)	[23.95209]	ND	(11)	[1.052631]	ND	(13)	[1.273885]	ND	(13)	[1.324503]												
Dibromochloromethane		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Ethyl benzene		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												
Methyl ethyl ketone		ND	(2400)	[23.95209]	ND	(110)	[1.052631]	20 JB	(130)	[1.273885]	ND	(130)	[1.324503]												
Methylene chloride		ND	(120)	[23.95209]	4.4 JB	(5.3)	[1.052631]	24	(6.4)	[1.273885]	9.8 B	(6.6)	[1.324503]												
Styrene		ND	(120)	[23.95209]	ND	(5.3)	[1.052631]	ND	(6.4)	[1.273885]	ND	(6.6)	[1.324503]												

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	09	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02-02	09-MW-03-02	09-MW-04-02	09-MW-05-02
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4				

Tetrachloroethene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Toluene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Tribromomethane (Bromoform)	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Trichloroethene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Vinyl acetate	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Vinyl chloride	ND	(240) [23.95209]	ND	(11) [1.052631]	ND	(13) [1.273885]	ND	(13) [1.324503]
Xylenes	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
cis-1,3-Dichloropropene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
trans-1,2-Dichloroethene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
trans-1,3-Dichloropropene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
1,2-Dichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
1,3-Dichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
1,4-Dichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4,5-Trichloropheno1	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4,6-Trichloropheno1	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4-Dichloropheno1	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4-Dimethylpheno1	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4-Dinitrophenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
2,4-Dinitrotoluene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,6-Dinitrotoluene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Chloronaphthalene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Chloropheno1	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Methylnaphthalene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Methylphenol (o-cresol)	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
2-Nitrophenol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
3,3'-Dichlorobenzidine	ND	(0.79) [0.039407]	ND	(0.7) [0.035029]	ND	(2.5) [0.126377]	ND	(0.88) [0.044032]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID	
	09	09	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-04	09-MW-05	09-MW-05
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4
3-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
4,6-Dinitro-2-methylphenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
4-Bromophenyl phenyl ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Chloro-3-methylphenol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Chlorophenyl phenyl ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Methylphenol (p-cresol)	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	0.18 J	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
4-Nitrophenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
Acenaphthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Acenaphthylene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(a)anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(a)pyrene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(b)fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(g,h,i)perylene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(k)fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzoic acid	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	0.092 J	(2.2) [0.044032]
Benzy l alcohol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Butylbenzylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Chrysene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Di-n-octylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dibenz(a,h)anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dibenzofuran	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dibutylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	0.045 J	(1.3) [0.126377]	ND	(0.44) [0.044032]
Diethylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dimethylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Fluorene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Hexachlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	09	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-04	09-MW-05	09-MW-05
	09-MW-02-02	09-MW-03-02	09-MW-04-02	09-MW-05-02	09-MW-02-02	09-MW-04-02	09-MW-05-02	09-MW-05-02
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4
Hexachlorobutadiene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Hexachlorocyclopentadiene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Hexachloroethane	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Indeno(1,2,3-cd)pyrene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Isophorone	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
N-Nitrosodiphenylamine	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
N-Nitrosodipropylamine	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Naphthalene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Nitrobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Pentachloropheno[	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
Phenanthrene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Pheno[	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Pyrene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
bis(2-Chloroethoxy)methane	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
bis(2-Chloroethyl)ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
bis(2-Chloroisopropyl)ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
bis(2-Ethylhexyl)phthalate	0.1 JB	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	0.14 J	(0.44) [0.044032]
p-Chloroaniline	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		09		09		09	
	09		09-MW-06		09-MW-06		09-MW-06		09		09		09	
	09-MW-06		09-MW-06-02		09-MW-06-02		09-MW-06-02		09-MW-06		09-MW-06		09-MW-06	
	4 - 7		4 - 7		4 - 7		4 - 7		4 - 7		4 - 7		4 - 7	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)														
Diesel Range Organics (2)	31	(26)	[128]				40	(25)	[123]		320	(45)	[227]	
Gasoline Range Organics (2)	ND	(13)	[126]				ND	(13)	[133]		ND	(13)	[129]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)														
4,4'-DDD	21	(0.42)	[41.56275]				7.5	(0.45)	[44.54342]		44	(3.8)	[380.1992]	
4,4'-DDE	5.9	(0.42)	[41.56275]				1.6	(0.45)	[44.54342]		14	(3.8)	[380.1992]	
4,4'-DDT	37	(0.83)	[41.56275]				7.1	(0.89)	[44.54342]		150	(7.6)	[380.1992]	
Aldrin	0.64 B	(0.42)	[41.56275]				1.3	(0.45)	[44.54342]		ND	(3.8)	[380.1992]	
Chlordane	ND	(2.1)	[41.56275]				ND	(2.2)	[44.54342]		ND	(19)	[380.1992]	
Dieldrin	ND	(0.42)	[41.56275]				ND	(0.45)	[44.54342]		ND	(3.8)	[380.1992]	
Endosulfan I	ND	(0.42)	[41.56275]				0.42 KJB	(0.45)	[44.54342]		1.8 KJ	(3.8)	[380.1992]	
Endosulfan II	0.78 KJB	(1.2)	[41.56275]				ND	(1.3)	[44.54342]		ND	(11)	[380.1992]	
Endosulfan Sulfate	0.15 PJB	(2.1)	[41.56275]				0.051 PJB	(2.2)	[44.54342]		7.4 KJ	(19)	[380.1992]	
Endrin	ND	(0.42)	[41.56275]				ND	(0.45)	[44.54342]		ND	(3.8)	[380.1992]	
Endrin Aldehyde	1.1	(0.83)	[41.56275]				ND	(0.89)	[44.54342]		1.7 KJ	(7.6)	[380.1992]	
Heptachlor	0.75 PB	(0.42)	[41.56275]				1 B	(0.45)	[44.54342]		1.8 KJ	(3.8)	[380.1992]	
Heptachlor epoxide	ND	(0.42)	[41.56275]				0.77 PB	(0.45)	[44.54342]		1.7 JB	(3.8)	[380.1992]	
Methoxychlor	ND	(2.1)	[41.56275]				ND	(2.2)	[44.54342]		ND	(19)	[380.1992]	
PCB-1016	ND	(4.2)	[41.56275]				ND	(4.5)	[44.54342]		ND	(38)	[380.1992]	
PCB-1221	ND	(8.3)	[41.56275]				ND	(8.9)	[44.54342]		ND	(76)	[380.1992]	
PCB-1232	ND	(8.3)	[41.56275]				ND	(8.9)	[44.54342]		ND	(76)	[380.1992]	
PCB-1242	ND	(4.2)	[41.56275]				ND	(4.5)	[44.54342]		ND	(38)	[380.1992]	
PCB-1248	ND	(4.2)	[41.56275]				ND	(4.5)	[44.54342]		ND	(38)	[380.1992]	
PCB-1254	ND	(8.3)	[41.56275]				ND	(8.9)	[44.54342]		ND	(76)	[380.1992]	
PCB-1260	ND	(8.3)	[41.56275]				ND	(8.9)	[44.54342]		ND	(76)	[380.1992]	
Toxaphene	ND	(21)	[41.56275]				ND	(22)	[44.54342]		ND	(190)	[380.1992]	
alpha-BHC	ND	(0.42)	[41.56275]				ND	(0.45)	[44.54342]		ND	(3.8)	[380.1992]	
beta-BHC	0.16 PJB	(0.42)	[41.56275]				0.41 PJB	(0.45)	[44.54342]		ND	(3.8)	[380.1992]	
delta-BHC	0.36 KJB	(0.42)	[41.56275]				0.38 JB	(0.45)	[44.54342]		ND	(3.8)	[380.1992]	

Compiled: 23 March 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	09		09		09							
	09-MW-06		09-MW-06		09-SS-01							
	09-MW-06-02		Dup of 09-MW-06-02		09-SS-01-01							
	4 - 7		4 - 7		0 - 0.5							
	09		09		09							
	09-MW-06		09-MW-06		09-SS-02							
	09-MW-06-02		Dup of 09-MW-06-02		09-SS-02-01							
	4 - 7		4 - 7		0 - 0.5							
gamma-BHC	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	1.5	(0.96)	[96.20935]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
1,1,2,2-Tetrachloroethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
1,1,2-Trichloroethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
1,1-Dichloroethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
1,1-Dichloroethene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
1,2-Dichloroethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
1,2-Dichloropropane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
2-Chloroethyl vinyl ether	ND	(12)	[1.246882]	ND	(13)	[1.338688]	ND	(13)	[1.342281]	ND	(15)	[1.488095]
2-Hexanone	ND	(62)	[1.246882]	ND	(67)	[1.338688]	ND	(67)	[1.342281]	ND	(74)	[1.488095]
4-Methyl-2-pentanone(MIBK)	ND	(62)	[1.246882]	ND	(67)	[1.338688]	ND	(67)	[1.342281]	ND	(74)	[1.488095]
Acetone	ND	(120)	[1.246882]	ND	(130)	[1.338688]	ND	(130)	[1.342281]	ND	(150)	[1.488095]
Benzene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	0.58 JB	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Bromodichloromethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Bromomethane	ND	(12)	[1.246882]	ND	(13)	[1.338688]	ND	(13)	[1.342281]	ND	(15)	[1.488095]
Carbon disulfide	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Carbon tetrachloride	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Chlorobenzene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Chloroethane	ND	(12)	[1.246882]	ND	(13)	[1.338688]	ND	(13)	[1.342281]	ND	(15)	[1.488095]
Chloroform	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Chloromethane	ND	(12)	[1.246882]	ND	(13)	[1.338688]	ND	(13)	[1.342281]	ND	(15)	[1.488095]
Dibromochloromethane	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Ethyl benzene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Methyl ethyl ketone	ND	(120)	[1.246882]	ND	(130)	[1.338688]	ND	(130)	[1.342281]	ND	(150)	[1.488095]
Methylene chloride	3.2 JB	(6.2)	[1.246882]	7.4 B	(6.7)	[1.338688]	4.7 JB	(6.7)	[1.342281]	15	(7.4)	[1.488095]
Styrene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Tetrachloroethene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	ND	(6.7)	[1.342281]	ND	(7.4)	[1.488095]
Toluene	ND	(6.2)	[1.246882]	ND	(6.7)	[1.338688]	0.85 JB	(6.7)	[1.342281]	ND	(7.4)	[1.488095]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
	09	09	09	09	09	09
	09-MW-06	09-MW-06	09-MW-06	09-SS-01	09-SS-02	09-SS-02
	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-SS-01-01	09-SS-02-01	09-SS-02-01
	4 - 7	4 - 7	4 - 7	0 - 0.5	0 - 0.5	0 - 0.5
Tribromomethane(Bromoform)	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
Trichloroethene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
Vinyl acetate	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
Vinyl chloride	ND	(12) [1.246882]	ND	(13) [1.338688]	ND	(15) [1.488095]
Xylenes	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
cis-1,3-Dichloropropene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
trans-1,2-Dichloroethene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
trans-1,3-Dichloropropene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(7.4) [1.488095]
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
1,2-Dichlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
1,3-Dichlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
1,4-Dichlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2,4,5-Trichlorophenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2,4,6-Trichlorophenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2,4-Dichlorophenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2,4-Dimethylphenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2,4-Dinitrophenol	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(2.5) [0.049603]
2,4-Dinitrotoluene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2,6-Dinitrotoluene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2-Chloronaphthalene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2-Chlorophenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2-Methylnaphthalene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2-Methylphenol(o-cresol)	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
2-Nitroaniline	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(2.5) [0.049603]
2-Nitrophenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
3,3'-Dichlorobenzidine	ND	(0.85) [0.042484]	ND	(0.82) [0.041029]	ND	(0.99) [0.049603]
3-Nitroaniline	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(2.5) [0.049603]
4,6-Dinitro-2-methylphenol	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(2.5) [0.049603]

Compiled: 23 May 1995

() = Detection Limit [] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	09	09	09	09	09	09	09
	09-MW-06	09-MW-06	09-SS-01	09-SS-02	09-DS-01 Dup of 09-MW-06-02	09-SS-01	09-SS-02	
	4 - 7	4 - 7	4 - 7	0 - 0.5	4 - 7	0 - 0.5	0 - 0.5	
4-Bromophenyl phenyl ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Chloro-3-methylphenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Chlorophenyl phenyl ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Methylphenol (p-cresol)	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Nitroaniline	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]	ND	(2.5) [0.049603]
4-Nitrophenol	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]	ND	(2.5) [0.049603]
Acenaphthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Acenaphthylene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(a)anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(a)pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(b)fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(g,h,i)perylene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(k)fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzoic acid	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]	ND	(2.5) [0.049603]
Benzyl alcohol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Butylbenzylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Chrysene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Di-n-octylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dibenz(a,h)anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dibenzofuran	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dibutylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Diethylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dimethylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Fluorene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Hexachlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Hexachlorobutadiene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Hexachlorocyclopentadiene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
	09 09-MW-06 09-MW-06-02 4 - 7	09 09-MW-06 Dup of 09-MW-06-02 4 - 7	09 09-SS-01 09-SS-01-01 0 - 0.5	09 09-SS-02 09-SS-02-01 0 - 0.5		
Hexachloroethane	ND	(0.42) [0.042484]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Indeno(1,2,3-cd)pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Isophorone	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
N-Nitrosodiphenylamine	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
N-Nitrosodipropylamine	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Naphthalene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Nitrobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Pentachlorophenol	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(2.5) [0.049603]
Phenanthrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Phenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Chloroethoxy)methane	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Chloroethyl) ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Chloroisopropyl) ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Ethylhexyl) phthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
p-Chloroaniline	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	09	10	10	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02	10-MW-02	10-MW-02	10-MW-02	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	48	(28)	[139]	ND	(26)	[128.2]	34	(25)	[125]	92
Gasoline Range Organics (2)	ND	(13)	[133]	47	(12)	[124.9]	53	(12)	[124]	5000
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	42	(0.46)	[46.26630]	10	(0.43)	[43.27131]	19	(0.42)	[42.22972]	290
4,4'-DDE	13	(0.46)	[46.26630]	4.4	(0.43)	[43.27131]	4.1	(0.42)	[42.22972]	19
4,4'-DDT	53	(0.93)	[46.26630]	29	(0.87)	[43.27131]	49	(0.84)	[42.22972]	89
Aldrin	ND	(0.46)	[46.26630]	0.5 B	(0.43)	[43.27131]	0.49 B	(0.42)	[42.22972]	1.3
Chlordane	ND	(2.3)	[46.26630]	ND	(2.2)	[43.27131]	ND	(2.1)	[42.22972]	ND
Dieldrin	ND	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	0.34 KJB	(0.42)	[42.22972]	ND
Endosulfan I	ND	(0.46)	[46.26630]	0.092 PJB	(0.43)	[43.27131]	0.16 JB	(0.42)	[42.22972]	ND
Endosulfan II	0.33 KJB	(1.4)	[46.26630]	ND	(1.3)	[43.27131]	ND	(1.3)	[42.22972]	ND
Endosulfan Sulfate	ND	(2.3)	[46.26630]	1.6 JB	(2.2)	[43.27131]	9.3	(2.1)	[42.22972]	ND
Endrin	ND	(0.46)	[46.26630]	2.2 B	(0.43)	[43.27131]	2.9	(0.42)	[42.22972]	14
Endrin Aldehyde	0.47 KJB	(0.93)	[46.26630]	ND	(0.87)	[43.27131]	ND	(0.84)	[42.22972]	0.81 KJ
Heptachlor	0.022 PJB	(0.46)	[46.26630]	0.12 KJB	(0.43)	[43.27131]	0.15 KJB	(0.42)	[42.22972]	0.21 KJB
Heptachlor epoxide	0.4 PJB	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	0.061 KJB
Methoxychlor	ND	(2.3)	[46.26630]	ND	(2.2)	[43.27131]	ND	(2.1)	[42.22972]	ND
PCB-1016	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND
PCB-1221	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
PCB-1232	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
PCB-1242	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND
PCB-1248	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND
PCB-1254	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
PCB-1260	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
Toxaphene	ND	(23)	[46.26630]	ND	(22)	[43.27131]	ND	(21)	[42.22972]	ND
alpha-BHC	0.93 B	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	0.59 PB	(0.42)	[42.22972]	ND
beta-BHC	3.4	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	5.7
delta-BHC	ND	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)															
	10				10				10							
	09-SS-03				10-MW-01				10-MW-01				10-MW-02			
	09-SS-03-01				10-MW-01-01				10-DS-01 Dup of 10-MW-01-01				10-MW-02-01			
	0 - 0.5				3 - 6				3 - 6				4 - 5.5			

gamma-BHC	1.7	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	ND	(1.3)	[132.6259]				
SW8240 - Volatile Organics (ug/kg)																
1,1,1-Trichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
1,1,2,2-Tetrachloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	2600	(1300)	[266.6666]				
1,1,2-Trichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
1,1-Dichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
1,1-Dichloroethene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
1,2-Dichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
1,2-Dichloropropane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
2-Chloroethyl vinyl ether	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	ND	(1300)	[266.6666]				
2-Hexanone	ND	(69)	[1.388888]	120 J	(1300)	[25.97402]	ND	(64)	[1.270648]	ND	(13000)	[266.6666]				
4-Methyl-2-pentanone(MIBK)	ND	(69)	[1.388888]	ND	(1300)	[25.97402]	ND	(64)	[1.270648]	ND	(13000)	[266.6666]				
Acetone	ND	(140)	[1.388888]	1000 J	(2600)	[25.97402]	6.5 JB	(130)	[1.270648]	ND	(27000)	[266.6666]				
Benzene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	730 J	(1300)	[266.6666]				
Bromodichloromethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Bromomethane	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	ND	(2700)	[266.6666]				
Carbon disulfide	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Carbon tetrachloride	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Chlorobenzene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Chloroethane	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	970 J	(1300)	[266.6666]				
Chloroform	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(2700)	[266.6666]				
Chloromethane	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	ND	(1300)	[266.6666]				
Dibromochloromethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(2700)	[266.6666]				
Ethyl benzene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Methyl ethyl ketone	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Methylene chloride	ND	(140)	[1.388888]	570 J	(2600)	[25.97402]	ND	(130)	[1.270648]	9200	(1300)	[266.6666]				
Styrene	54	(6.9)	[1.388888]	ND	(130)	[25.97402]	16	(6.4)	[1.270648]	ND	(27000)	[266.6666]				
Tetrachloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]				
Toluene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	11000	(1300)	[266.6666]				

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TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	09	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	4 - 5.5

Tribromomethane(Bromoform)	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
Trichloroethene	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
Vinyl acetate	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
Vinyl chloride	ND	(14) [1.388888]	ND	(13) [1.270648]
Xylenes	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
cis-1,3-Dichloropropene	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
trans-1,2-Dichloroethene	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
trans-1,3-Dichloropropene	ND	(6.9) [1.388888]	ND	(6.4) [1.270648]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
1,2-Dichlorobenzene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
1,3-Dichlorobenzene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
1,4-Dichlorobenzene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2,4,5-Trichlorophenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2,4,6-Trichlorophenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2,4-Dichlorophenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2,4-Dimethylphenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2,4-Dinitrophenol	ND	(2.3) [0.046296]	ND	(2.1) [0.042256]
2,4-Dinitrotoluene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2,6-Dinitrotoluene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2-Chloronaphthalene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2-Chlorophenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2-Methylnaphthalene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2-Methylphenol(o-cresol)	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
2-Nitroaniline	ND	(2.3) [0.046296]	ND	(0.42) [0.042256]
2-Nitrophenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
3,3'-Dichlorobenzidine	ND	(0.93) [0.046296]	ND	(0.42) [0.042256]
3-Nitroaniline	ND	(2.3) [0.046296]	ND	(2.1) [0.042256]
4,6-Dinitro-2-methylphenol	ND	(2.3) [0.046296]	ND	(2.1) [0.042256]

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TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	09	10	10	10
09-SS-03	09-SS-03	10-MW-01	10-MW-01	10-MW-02
09-SS-03-01	09-SS-03-01	10-MW-01-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02-01
0 - 0.5	0 - 0.5	3 - 6	3 - 6	4 - 5.5
4-Bromophenyl phenyl ether	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Chloro-3-methylphenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Chlorophenyl phenyl ether	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Methylphenol (p-cresol)	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Nitroaniline	ND	(2.3) [0.046296]	ND	(2.1) [0.042256]
4-Nitrophenol	ND	(2.3) [0.046296]	ND	(2.1) [0.042256]
Acenaphthene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Acenaphthylene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Anthracene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Benzo(a)anthracene	0.043 J	(0.46) [0.046296]	ND	(0.42) [0.042256]
Benzo(a)pyrene	0.051 J	(0.46) [0.046296]	ND	(0.42) [0.042256]
Benzo(b)fluoranthene	0.039 JF	(0.46) [0.046296]	ND	(0.42) [0.042256]
Benzo(g,h,i)perylene	0.034 JB	(0.46) [0.046296]	ND	(0.42) [0.042256]
Benzo(k)fluoranthene	0.039 JF	(0.46) [0.046296]	ND	(0.42) [0.042256]
Benzoic acid	ND	(2.3) [0.046296]	ND	(2.1) [0.042256]
Benzyl alcohol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Butylbenzylphthalate	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Chrysene	0.076 J	(0.46) [0.046296]	ND	(0.42) [0.042256]
Di-n-octylphthalate	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Dibenz(a,h)anthracene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Dibenzofuran	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Dibutylphthalate	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Diethylphthalate	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Dimethylphthalate	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Fluoranthene	0.11 J	(0.46) [0.046296]	0.015 J	(0.42) [0.042256]
Fluorene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Hexachlorobenzene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Hexachlorobutadiene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
Hexachlorocyclopentadiene	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]

Compiled: 23 March 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	09	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-02	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	4 - 5.5	4 - 5.5

Hexachloroethane	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
Indeno(1,2,3-cd)pyrene	0.027 JB	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
Isophorone	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.097 J
N-Nitrosodiphenylamine	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
N-Nitrosodipropylamine	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
Naphthalene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.12 J
Nitrobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
Pentachloropheno1	ND	(2.3) [0.046296]	(2.2) [0.043218]	ND	(2.1) [0.042256]	ND
Phenanthrene	0.071 J	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.094 J
Pheno1	ND	(0.46) [0.046296]	(0.43) [0.043218]	0.014 J	(0.42) [0.042256]	ND
Pyrene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.072 J
bis(2-Chloroethoxy)methane	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
bis(2-Chloroethyl)ether	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
bis(2-Chloroisopropyl)ether	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
bis(2-Ethylhexyl)phthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	0.019 JB	(0.42) [0.042256]	0.27 J
p-Chloroaniline	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	NA	18 J	(230) [129.8701]	ND	(230) [126.5822]	96 J
Acenaphthylene	NA	ND	(300) [129.8701]	ND	(290) [126.5822]	ND
Anthracene	NA	ND	(86) [129.8701]	ND	(84) [126.5822]	30 J
Benzo(a)anthracene	NA	5.4	(1.7) [129.8701]	18	(1.6) [126.5822]	27
Benzo(a)pyrene	NA	7.6	(3) [129.8701]	7.3	(2.9) [126.5822]	7.9
Benzo(b)fluoranthene	NA	11	(2.3) [129.8701]	26	(2.3) [126.5822]	46
Benzo(g,h,i)perylene	NA	29	(9.9) [129.8701]	40	(9.6) [126.5822]	31
Benzo(k)fluoranthene	NA	4.2	(2.2) [129.8701]	5.3	(2.2) [126.5822]	6.3
Chrysene	NA	ND	(19) [129.8701]	29	(19) [126.5822]	25
Dibenzo(a,h)anthracene	NA	1.6 J	(3.9) [129.8701]	4.2	(3.8) [126.5822]	7.7
Fluoranthene	NA	15 J	(27) [129.8701]	95	(27) [126.5822]	190
Fluorene	NA	ND	(27) [129.8701]	ND	(27) [126.5822]	4.3 J

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
Indeno(1,2,3-cd)pyrene	09	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5
Naphthalene	11	(5.6)	[129.8701]	21	(5.4)	[126.5822]	20	(5.7)
	ND	(230)	[129.8701]	ND	(230)	[126.5822]	ND	(240)
	120	(83)	[129.8701]	98	(81)	[126.5822]	190	(85)
	9.8 J	(35)	[129.8701]	27 J	(34)	[126.5822]	36	(36)
Phenanthrene	11	(5.6)	[129.8701]	21	(5.4)	[126.5822]	20	(5.7)
	ND	(230)	[129.8701]	ND	(230)	[126.5822]	ND	(240)
	120	(83)	[129.8701]	98	(81)	[126.5822]	190	(85)
	9.8 J	(35)	[129.8701]	27 J	(34)	[126.5822]	36	(36)
Pyrene	11	(5.6)	[129.8701]	21	(5.4)	[126.5822]	20	(5.7)
	ND	(230)	[129.8701]	ND	(230)	[126.5822]	ND	(240)
	120	(83)	[129.8701]	98	(81)	[126.5822]	190	(85)
	9.8 J	(35)	[129.8701]	27 J	(34)	[126.5822]	36	(36)

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
	10	10	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-02	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-01	10-SB-01-01	10-SB-01-01	10-SB-01-01	10-SB-01-01	10-SB-01-02	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	2 - 4	2 - 4	2 - 4	2 - 4	2 - 4	5 - 7	1 - 3	1 - 3

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	30	(25)	[126.6]	150	(22)	[111]	31	(26)	[129.9]	13000
Gasoline Range Organics (2)	14 B	(14)	[135.8]	ND	(11)	[106.3]	ND	(13)	[125.5]	200
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	4.8	(1.4)	[136.0544]	120	(1.8)	[184.5699]	ND	(0.43)	[43.15925]	140
4,4'-DDE	2.3	(1.4)	[136.0544]	14	(0.37)	[36.91399]	0.94	(0.43)	[43.15925]	32
4,4'-DDT	21	(2.7)	[136.0544]	100	(3.7)	[184.5699]	7.3	(0.86)	[43.15925]	370
Aldrin	ND	(1.4)	[136.0544]	0.5 B	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	0.8 B
Chlordane	ND	(6.8)	[136.0544]	ND	(1.8)	[36.91399]	ND	(2.2)	[43.15925]	ND
Dieldrin	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
Endosulfan I	0.19 JB	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
Endosulfan II	ND	(4.1)	[136.0544]	ND	(1.1)	[36.91399]	ND	(1.3)	[43.15925]	0.29 KJB
Endosulfan Sulfate	ND	(6.8)	[136.0544]	ND	(1.8)	[36.91399]	ND	(2.2)	[43.15925]	ND
Endrin	11	(1.4)	[136.0544]	3.5	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	4.2
Endrin Aldehyde	ND	(2.7)	[136.0544]	ND	(0.74)	[36.91399]	ND	(0.86)	[43.15925]	ND
Heptachlor	0.17 KJB	(1.4)	[136.0544]	0.11 KJB	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
Heptachlor epoxide	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	0.15 PJB	(0.43)	[43.15925]	ND
Methoxychlor	ND	(6.8)	[136.0544]	ND	(1.8)	[36.91399]	1.6 KJ	(2.2)	[43.15925]	ND
PCB-1016	ND	(14)	[136.0544]	ND	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	ND
PCB-1221	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
PCB-1232	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
PCB-1242	ND	(14)	[136.0544]	ND	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	ND
PCB-1248	ND	(14)	[136.0544]	ND	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	ND
PCB-1254	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
PCB-1260	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
Toxaphene	ND	(68)	[136.0544]	ND	(18)	[36.91399]	ND	(22)	[43.15925]	ND
alpha-BHC	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
beta-BHC	ND	(1.4)	[136.0544]	1.4 P	(0.37)	[36.91399]	0.72 P	(0.43)	[43.15925]	0.6 P
delta-BHC	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	1.2 B	(0.43)	[43.15925]	1.2 B

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		10		10		10	
gamma-BHC	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND	(0.38)	[37.75009]		
SW8240 - Volatile Organics (ug/kg)														
1,1,1-Trichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
1,1,2,2-Tetrachloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
1,1,2-Trichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
1,1-Dichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
1,1-Dichloroethene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
1,2-Dichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
1,2-Dichloropropane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
2-Chloroethyl vinyl ether	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]		
2-Hexanone	ND	(69)	[1.377410]	ND	(56)	[1.111111]	ND	(65)	[1.298701]	ND	(11000)	[226.5005]		
4-Methyl-2-pentanone (MIBK)	ND	(69)	[1.377410]	ND	(56)	[1.111111]	ND	(65)	[1.298701]	ND	(11000)	[226.5005]		
Acetone	ND	(140)	[1.377410]	1.8 JB	(110)	[1.111111]	ND	(130)	[1.298701]	ND	(23000)	[226.5005]		
Benzene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	980 J	(1100)	[226.5005]		
Bromodichloromethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Bromomethane	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]		
Carbon disulfide	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Carbon tetrachloride	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Chlorobenzene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Chloroethane	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]		
Chloroform	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Chloromethane	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]		
Dibromochloromethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Ethyl benzene	3.1 J	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Methyl ethyl ketone	ND	(140)	[1.377410]	ND	(110)	[1.111111]	ND	(130)	[1.298701]	4600	(1100)	[226.5005]		
Methylene chloride	2.7 JB	(6.9)	[1.377410]	5.1 JB	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(23000)	[226.5005]		
Styrene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Tetrachloroethene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]		
Toluene	11	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	12000	(1100)	[226.5005]		

Compiled: 23 March 1995

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TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-01	10-SB-01-02	10-SB-02-01	
	4 - 6	2 - 4	5 - 7	1 - 3		

Tribromomethane(Bromoform)	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
Trichloroethene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
Vinyl acetate	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
Vinyl chloride	ND	(14) [1.377410]	ND	(11) [1.111111]	ND	(13) [1.298701]
Xylenes	330	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
cis-1,3-Dichloropropene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
trans-1,2-Dichloroethene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
trans-1,3-Dichloropropene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	(6.5) [1.298701]
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
1,2-Dichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
1,3-Dichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
1,4-Dichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2,4,5-Trichlorophenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2,4,6-Trichlorophenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2,4-Dichlorophenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2,4-Dimethylphenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2,4-Dinitrophenol	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]
2,4-Dinitrotoluene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2,6-Dinitrotoluene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2-Chloronaphthalene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2-Chlorophenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2-Methylnaphthalene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2-Methylphenol(o-cresol)	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
2-Nitroaniline	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]
2-Nitrophenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]
3,3'-Dichlorobenzidine	ND	(0.92) [0.045883]	ND	(0.74) [0.036852]	ND	(0.86) [0.043189]
3-Nitroaniline	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]
4,6-Dinitro-2-methylphenol	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-02	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-01	10-SB-01-01	10-SB-01-02	10-SB-01-02	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	2 - 4	2 - 4	5 - 7	5 - 7	1 - 3	1 - 3
4-Bromophenyl phenyl ether	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
4-Chloro-3-methylphenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
4-Chlorophenyl phenyl ether	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
4-Methylphenol(p-cresol)	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
4-Nitroaniline	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]	(54) [1.078574]	(54) [1.078574]
4-Nitrophenol	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]	(54) [1.078574]	(54) [1.078574]
Acenaphthene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Acenaphthylene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Anthracene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Benzo(a)anthracene	ND	(0.46) [0.045883]	0.011 J	(0.37) [0.036852]	0.015 J	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Benzo(a)pyrene	0.011 J	(0.46) [0.045883]	0.014 J	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Benzo(b)fluoranthene	0.02 JF	(0.46) [0.045883]	0.017 JF	(0.37) [0.036852]	0.021 JF	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Benzo(g,h,i)perylene	ND	(0.46) [0.045883]	0.025 JB	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Benzo(k)fluoranthene	0.02 JF	(0.46) [0.045883]	0.017 JF	(0.37) [0.036852]	0.021 JF	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Benzoic acid	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]	(54) [1.078574]	(54) [1.078574]
Benzyl alcohol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Butylbenzylphthalate	0.058 J	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Chrysene	ND	(0.46) [0.045883]	0.016 J	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Di-n-octylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Dibenz(a,h)anthracene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Dibenzofuran	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Dibutylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Diethylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Dimethylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Fluoranthene	0.01 J	(0.46) [0.045883]	0.01 J	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Fluorene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Hexachlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Hexachlorobutadiene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]
Hexachlorocyclopentadiene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	(11) [1.078574]	(11) [1.078574]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-02	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-01	10-SB-01-01	10-SB-01-02	10-SB-02-01	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	2 - 4	2 - 4	5 - 7	1 - 3	1 - 3	1 - 3
Hexachloroethane	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Indeno(1,2,3-cd)pyrene	ND	(0.46) [0.045883]	0.016 JB	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Isophorone	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
N-Nitrosodiphenylamine	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
N-Nitrosodipropylamine	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Naphthalene	ND	(0.46) [0.045883]	0.013 J	(0.37) [0.038852]	ND	(0.43) [0.043189]	90	(11) [1.078574]
Nitrobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Pentachloropheno1	ND	(2.3) [0.045883]	ND	(1.8) [0.038852]	ND	(2.2) [0.043189]	ND	(54) [1.078574]
Phenanthrene	ND	(0.46) [0.045883]	0.012 J	(0.37) [0.038852]	0.02 J	(0.43) [0.043189]	ND	(11) [1.078574]
Pheno1	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Pyrene	0.013 J	(0.46) [0.045883]	0.013 J	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Chloroethoxy)methane	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Chloroethyl)ether	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Chloroisopropyl)ether	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Ethylhexyl)phthalate	0.052 JB	(0.46) [0.045883]	ND	(0.37) [0.038852]	0.15 J	(0.43) [0.043189]	ND	(11) [1.078574]
p-Chloroaniline	ND	(0.46) [0.045883]	ND	(0.37) [0.038852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	58 J	(250) [136.9863]	ND	(200) [111.1111]	87 J	(230) [129.8701]	ND	(200) [113.6363]
Acenaphthylene	ND	(320) [136.9863]	ND	(260) [111.1111]	18 J	(300) [129.8701]	ND	(260) [113.6363]
Anthracene	ND	(90) [136.9863]	ND	(73) [111.1111]	ND	(86) [129.8701]	71 J	(75) [113.6363]
Benzo(a)anthracene	0.61 J	(1.8) [136.9863]	4.4	(1.4) [111.1111]	0.82 J	(1.7) [129.8701]	5.4	(1.5) [113.6363]
Benzo(a)pyrene	0.9 J	(3.2) [136.9863]	11 J	(26) [111.1111]	0.77 J	(3) [129.8701]	7.7	(2.6) [113.6363]
Benzo(b)fluoranthene	5.5	(2.5) [136.9863]	15	(2) [111.1111]	2.5	(2.3) [129.8701]	15	(2) [113.6363]
Benzo(g,h,i)perylene	16	(10) [136.9863]	87	(84) [111.1111]	12	(9.9) [129.8701]	25	(8.6) [113.6363]
Benzo(k)fluoranthene	0.45 J	(2.3) [136.9863]	4.4 J	(19) [111.1111]	0.41 J	(2.2) [129.8701]	4.5	(1.9) [113.6363]
Chrysene	ND	(21) [136.9863]	3.6 J	(17) [111.1111]	ND	(19) [129.8701]	19	(17) [113.6363]
Dibenzo(a,h)anthracene	ND	(4.1) [136.9863]	ND	(3.3) [111.1111]	ND	(3.9) [129.8701]	1.2 J	(3.4) [113.6363]
Fluoranthene	ND	(29) [136.9863]	14 J	(23) [111.1111]	ND	(27) [129.8701]	28	(24) [113.6363]
Fluorene	ND	(29) [136.9863]	ND	(23) [111.1111]	ND	(27) [129.8701]	2600	(1200) [5682]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	10		10		10		10		10	
	10-MW-03		10-SB-01		10-SB-02		10-SB-01-02		10-SB-02-01	
	4 - 6		2 - 4		5 - 7		1 - 3			
Indeno(1,2,3-cd)pyrene	ND	(5.9) [136.9863]	2 J	(4.8) [111.1111]	ND	(5.6) [129.8701]	6.8	(4.9) [113.6363]		
Naphthalene	ND	(250) [136.9863]	ND	(200) [111.1111]	ND	(230) [129.8701]	86000	(10000) [5682]		
Phenanthrene	220	(88) [136.9863]	40 J	(71) [111.1111]	140	(83) [129.8701]	100	(73) [113.6363]		
Pyrene	9.4 J	(37) [136.9863]	8.9 J	(30) [111.1111]	ND	(35) [129.8701]	26 J	(31) [113.6363]		

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)						BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03-01	10-SB-03-02	10-SB-03-03	10-SB-02	10-SB-03	10-SB-03-02	10-SB-03-03	10-SB-03-03	
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5								

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	36	(26)	[131.6]	110	(42)	[210.5]	87000	(620)	[3086]	ND	(26)	[128]
Gasoline Range Organics (2)	78	(13)	[133.2]	91	(11)	[110]	11000	(2600)	[26284]	81	(11)	[110]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	0.72 B	(0.45)	[44.54342]	220	(5.5)	[546.4480]	50	(1.3)	[132.8021]	1.9 P	(1.3)	[129.3661]
4,4'-DDE	0.59	(0.45)	[44.54342]	17	(1.1)	[109.2896]	7.5	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
4,4'-DDT	1.7	(0.89)	[44.54342]	210	(2.2)	[109.2896]	11	(2.7)	[132.8021]	ND	(2.6)	[129.3661]
Aldrin	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
Chlordane	ND	(2.2)	[44.54342]	ND	(5.5)	[109.2896]	ND	(6.6)	[132.8021]	ND	(6.5)	[129.3661]
Dieldrin	0.29 JB	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	1.1 KJ	(1.3)	[132.8021]	0.71 PJ	(1.3)	[129.3661]
Endosulfan I	0.03 KJB	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	0.27 PJB	(1.3)	[132.8021]	0.73 KJB	(1.3)	[129.3661]
Endosulfan II	ND	(1.3)	[44.54342]	ND	(3.3)	[109.2896]	ND	(4)	[132.8021]	ND	(3.9)	[129.3661]
Endosulfan Sulfate	3.9 PB	(2.2)	[44.54342]	5.4 J	(5.5)	[109.2896]	4.5 JB	(6.6)	[132.8021]	ND	(6.5)	[129.3661]
Endrin	0.72 PB	(0.45)	[44.54342]	12	(1.1)	[109.2896]	8.9	(1.3)	[132.8021]	8.5	(1.3)	[129.3661]
Endrin Aldehyde	ND	(0.89)	[44.54342]	ND	(2.2)	[109.2896]	ND	(2.7)	[132.8021]	ND	(2.6)	[129.3661]
Heptachlor	0.21 KJB	(0.45)	[44.54342]	0.18 KJB	(1.1)	[109.2896]	0.52 KJB	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
Heptachlor epoxide	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
Methoxychlor	ND	(2.2)	[44.54342]	ND	(5.5)	[109.2896]	ND	(6.6)	[132.8021]	ND	(6.5)	[129.3661]
PCB-1016	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]
PCB-1221	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
PCB-1232	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
PCB-1242	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]
PCB-1248	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]
PCB-1254	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
PCB-1260	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
Toxaphene	ND	(22)	[44.54342]	ND	(55)	[109.2896]	ND	(66)	[132.8021]	ND	(65)	[129.3661]
alpha-BHC	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
beta-BHC	1.1 B	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
delta-BHC	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	3.5	(1.3)	[132.8021]	ND	(1.3)	[129.3661]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)			CONCENTRATION (ug/kg)			REMARKS		
	LOCATION ID			SAMPLE ID								
	10	10	10	10	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03-01	10-SB-03-02	10-SB-03-02	10-SB-03-02	10-SB-03-02	10-SB-03-02	10-SB-03-02	10-SB-03-02	10-SB-03-02
	4 - 6	1 - 2.5	4 - 5.5	1 - 2.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5
gamma-BHC	ND	ND	ND	(1.1) [109.2896]	(1.3) [132.8021]	(1.3) [132.8021]	ND	ND	ND	ND	ND	(1.3) [129.3661]
SW8240 - Volatile Organics (ug/kg)	(0.45) [44.54342]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,1,1-Trichloroethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,1,2,2-Tetrachloroethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,1,2-Trichloroethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,1-Dichloroethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,1-Dichloroethene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,2-Dichloroethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
1,2-Dichloropropane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
2-Chloroethyl vinyl ether	(270) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(650) [65.10416]
2-Hexanone	(1300) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(3300) [65.10416]
4-Methyl-2-pentanone (MIBK)	(1300) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(3300) [65.10416]
Acetone	(2700) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	850 J	ND	ND	ND	ND	(6500) [65.10416]
Benzene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	370	ND	ND	ND	ND	(330) [65.10416]
Bromodichloromethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Bromomethane	(270) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(650) [65.10416]
Carbon disulfide	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Carbon tetrachloride	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Chlorobenzene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Chloroethane	(270) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(650) [65.10416]
Chloroform	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Chloromethane	(270) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(650) [65.10416]
Dibromochloromethane	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Ethyl benzene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	37 J	ND	ND	ND	ND	(330) [65.10416]
Methyl ethyl ketone	(2700) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	500 J	ND	ND	ND	ND	(6500) [65.10416]
Methylene chloride	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Styrene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Tetrachloroethene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	ND	ND	ND	ND	ND	(330) [65.10416]
Toluene	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]	(1100) [219.7802]	(1300) [268.0965]	(1300) [268.0965]	89 J	ND	ND	ND	ND	(330) [65.10416]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03-01	10-SB-03	10-SB-03-02	10-SB-03	10-SB-03	10-SB-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5				
4-Bromophenyl phenyl ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
4-Chloro-3-methylphenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
4-Chlorophenyl phenyl ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
4-Methylphenol (p-cresol)	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
4-Nitroaniline	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(2.1) [0.042973]
4-Nitrophenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(2.1) [0.042973]
Acenaphthene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	0.6 J	(9.6) [0.964375]	ND	(0.43) [0.042973]
Acenaphthylene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Anthracene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzo(a)anthracene	ND	(0.45) [0.044608]	0.0071 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzo(a)pyrene	ND	(0.45) [0.044608]	0.027 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzo(b)fluoranthene	ND	(0.45) [0.044608]	0.038 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzo(g,h,i)perylene	ND	(0.45) [0.044608]	0.099 JF	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzo(k)fluoranthene	ND	(0.45) [0.044608]	0.03 JB	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzoic acid	ND	(0.45) [0.044608]	0.099 JF	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Benzyl alcohol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(2.1) [0.042973]
Butylbenzylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Chrysene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	0.49 J	(9.6) [0.964375]	ND	(0.43) [0.042973]
Di-n-octylphthalate	ND	(0.45) [0.044608]	0.048 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Dibenz(a,h)anthracene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Dibenzofuran	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Diethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Diethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Dimethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Fluoranthene	ND	(0.45) [0.044608]	0.054 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Fluorene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	0.89 J	(9.6) [0.964375]	ND	(0.43) [0.042973]
Hexachlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Hexachlorobutadiene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Hexachlorocyclopentadiene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID			BEG. DEPTH - END DEPTH (FT.)		
	10			10			10			10		
	10-SB-02	10-SB-03	10-SB-03-01	10-SB-02	10-SB-03	10-SB-03-01	10-SB-02	10-SB-03	10-SB-03-01	10-SB-02	10-SB-03	10-SB-03-01
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5								
Hexachloroethane	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Indeno(1,2,3-cd)pyrene	ND	(0.45) [0.044608]	0.03 JB	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Isophorone	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
N-Nitrosodiphenylamine	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
N-Nitrosodipropylamine	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Naphthalene	0.034 J	(0.45) [0.044608]	0.011 J	(0.36) [0.035911]	4.5 J	(0.36) [0.035911]	0.055 J	(9.6) [0.964375]	0.055 J	(9.6) [0.964375]	0.055 J	(0.43) [0.042973]
Nitrobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Pentachloropheno[	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(48) [0.964375]	ND	(2.1) [0.042973]
Phenanthrene	ND	(0.45) [0.044608]	0.028 J	(0.36) [0.035911]	0.25 J	(0.36) [0.035911]	0.25 J	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Pheno[	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
Pyrene	ND	(0.45) [0.044608]	0.065 J	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
bis(2-Chloroethoxy)methane	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
bis(2-Chloroethyl) ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
bis(2-Chloroisopropyl) ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
bis(2-Ethylhexyl) phthalate	0.019 JB	(0.45) [0.044608]	0.74	(0.36) [0.035911]	2.4 J	(0.36) [0.035911]	0.31 J	(9.6) [0.964375]	0.31 J	(9.6) [0.964375]	0.31 J	(0.43) [0.042973]
p-Chloroaniline	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												
Acenaphthene	ND	(240) [133.3333]	88 J	(200) [109.8901]	ND	(200) [109.8901]	ND	(240) [133.3333]	ND	(240) [133.3333]	ND	(230) [129.8701]
Acenaphthylene	ND	(310) [133.3333]	ND	(250) [109.8901]	ND	(250) [109.8901]	ND	(310) [133.3333]	ND	(310) [133.3333]	ND	(300) [129.8701]
Anthracene	ND	(88) [133.3333]	ND	(73) [109.8901]	ND	(73) [109.8901]	ND	(88) [133.3333]	ND	(88) [133.3333]	ND	(86) [129.8701]
Benzo(a)anthracene	0.44 J	(1.7) [133.3333]	10	(1.4) [109.8901]	5.5	(1.4) [109.8901]	5.5	(1.7) [133.3333]	ND	(1.7) [133.3333]	ND	(1.7) [129.8701]
Benzo(a)pyrene	0.89 J	(3.1) [133.3333]	0.58 J	(2.5) [109.8901]	9.7	(2.5) [109.8901]	9.7	(3.1) [133.3333]	0.5 J	(3.1) [133.3333]	0.5 J	(3) [129.8701]
Benzo(b)fluoranthene	2.8	(2.4) [133.3333]	32	(2) [109.8901]	18	(2) [109.8901]	18	(2.4) [133.3333]	0.42 J	(2.4) [133.3333]	0.42 J	(2.3) [129.8701]
Benzo(g,h,i)perylene	12	(10) [133.3333]	64 J	(84) [109.8901]	34	(84) [109.8901]	34	(10) [133.3333]	10	(10) [133.3333]	10	(9.9) [129.8701]
Benzo(k)fluoranthene	0.43 J	(2.3) [133.3333]	12 J	(19) [109.8901]	5.2	(19) [109.8901]	5.2	(2.3) [133.3333]	0.29 J	(2.3) [133.3333]	0.29 J	(2.2) [129.8701]
Chrysene	ND	(20) [133.3333]	ND	(16) [109.8901]	5.8 J	(16) [109.8901]	5.8 J	(20) [133.3333]	ND	(20) [133.3333]	ND	(19) [129.8701]
Dibenzo(a,h)anthracene	ND	(4) [133.3333]	3.4	(3.3) [109.8901]	4.4	(3.3) [109.8901]	4.4	(4) [133.3333]	ND	(4) [133.3333]	ND	(3.9) [129.8701]
Fluoranthene	ND	(28) [133.3333]	79	(23) [109.8901]	32	(23) [109.8901]	32	(28) [133.3333]	ND	(28) [133.3333]	ND	(27) [129.8701]
Fluorene	ND	(28) [133.3333]	0.42 JB	(23) [109.8901]	960	(23) [109.8901]	960	(140) [666.7]	ND	(140) [666.7]	ND	(27) [129.8701]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03	10-SB-03	10-SB-03	10-SB-03-02	10-SB-03	10-SB-03	10-SB-03
	4 - 6	1 - 2.5	10-SB-03-01	10-SB-03-02	4 - 5.5	7 - 8.5				
Indeno(1,2,3-cd)pyrene	ND	(5.7) [133.3333]	34	(4.7) [109.8901]	9.1	(5.7) [133.3333]	ND	(5.6) [129.8701]		
Naphthalene	18 J	(240) [133.3333]	ND	(200) [109.8901]	12000	(1200) [666.7]	ND	(230) [129.8701]		
Phenanthrene	170	(85) [133.3333]	70	(70) [109.8901]	ND	(85) [133.3333]	62 J	(83) [129.8701]		
Pyrene	ND	(36) [133.3333]	20 J	(30) [109.8901]	12 J	(36) [133.3333]	ND	(35) [129.8701]		

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		10		10	
	10-SS-01		10-SS-02		10-SS-03		10-SS-03		10-SS-03	
	10-SS-01-01 0 - 0.5		10-SS-02-01 0 - 0.5		10-SS-03-01 0 - 0.5		10-SS-03-01 0 - 0.5		10-SS-03 10-DS-02 Dup of 10-SS-03-01 0 - 0.5	

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	5200	(22)	[109]	ND	(21)	[104]	21 B	(20)	[102]	22 B
Gasoline Range Organics (2)	1400	(460)	[4640]	ND	(10)	[105]	ND	(10)	[103]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	54	(0.37)	[37.32736]	740	(7.1)	[711.7437]	20	(1.7)	[173.5508]	19
4,4'-DDE	4.7	(0.37)	[37.32736]	15	(7.1)	[711.7437]	13	(1.7)	[173.5508]	12
4,4'-DDT	65	(0.75)	[37.32736]	86	(14)	[711.7437]	240	(3.5)	[173.5508]	230
Aldrin	0.68 B	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND
Chlordane	ND	(1.9)	[37.32736]	ND	(36)	[711.7437]	ND	(8.7)	[173.5508]	ND
Dieldrin	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND
Endosulfan I	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND
Endosulfan II	0.73 KJB	(1.1)	[37.32736]	ND	(21)	[711.7437]	2.5 KJ	(5.2)	[173.5508]	2.1 KJ
Endosulfan Sulfate	ND	(1.9)	[37.32736]	3.9 KJB	(36)	[711.7437]	2.4 KJB	(8.7)	[173.5508]	2.6 KJB
Endrin	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND
Endrin Aldehyde	0.0089 PJB	(0.75)	[37.32736]	1 KJ	(14)	[711.7437]	ND	(3.5)	[173.5508]	ND
Heptachlor	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND
Heptachlor epoxide	0.21 KJB	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	0.73 KJB	(1.7)	[173.5508]	ND
Methoxychlor	ND	(1.9)	[37.32736]	ND	(36)	[711.7437]	ND	(8.7)	[173.5508]	ND
PCB-1016	ND	(3.7)	[37.32736]	ND	(71)	[711.7437]	ND	(17)	[173.5508]	ND
PCB-1221	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND
PCB-1232	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND
PCB-1242	ND	(3.7)	[37.32736]	ND	(71)	[711.7437]	ND	(17)	[173.5508]	ND
PCB-1248	ND	(3.7)	[37.32736]	ND	(71)	[711.7437]	ND	(17)	[173.5508]	ND
PCB-1254	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND
PCB-1260	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND
Toxaphene	ND	(19)	[37.32736]	ND	(360)	[711.7437]	ND	(87)	[173.5508]	ND
alpha-BHC	0.25 JB	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND
beta-BHC	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	4
delta-BHC	0.58 B	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND

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TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	10	10	10	10	10	10	10	10
	10-SS-01	10-SS-02	10-SS-03	10-SS-03	10-SS-02	10-SS-03	10-SS-03	10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01	10-SS-02-01	10-SS-03-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	0.56 PB	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)
gamma-BHC								
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
1,1,2,2-Tetrachloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
1,1,2-Trichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
1,1-Dichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
1,1-Dichloroethene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
1,2-Dichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
1,2-Dichloropropane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
2-Chloroethyl vinyl ether	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)
2-Hexanone	ND	(1100)	[22.49718]	ND	(53)	[1.069518]	ND	(52)
4-Methyl-2-pentanone(MIBK)	ND	(1100)	[22.49718]	ND	(53)	[1.069518]	ND	(52)
Acetone	ND	(2200)	[22.49718]	33 JB	(110)	[1.069518]	ND	(100)
Benzene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Bromodichloromethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Bromomethane	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)
Carbon disulfide	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Carbon tetrachloride	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Chlorobenzene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Chloroethane	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)
Chloroform	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Chloromethane	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)
Dibromochloromethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Ethyl benzene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Methyl ethyl ketone	34 J	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Methylene chloride	ND	(2200)	[22.49718]	ND	(110)	[1.069518]	ND	(100)
Styrene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Tetrachloroethene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)
Toluene	340	(110)	[22.49718]	0.85 JB	(5.3)	[1.069518]	ND	(5.2)

Compiled: 23 May 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

	SITE ID					
	LOCATION ID					
	SAMPLE ID					
BEG.	DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10
	10-SS-01	10-SS-02	10-SS-03	10-SS-03	10-SS-03	10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
PARAMETER						
Tribromomethane(Bromoform)	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.047120]
Trichloroethene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.047120]
Vinyl acetate	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.047120]
Vinyl chloride	ND	(220) [22.49718]	ND	(11) [1.069518]	ND	(10) [1.047120]
Xylenes	12000	(110) [22.49718]	11	(5.3) [1.069518]	ND	(5.2) [1.047120]
cis-1,3-Dichloropropene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.047120]
trans-1,2-Dichloroethene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.047120]
trans-1,3-Dichloropropene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.047120]
PW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
1,2-Dichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
1,3-Dichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
1,4-Dichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2,4,5-TrichlorophenoI	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2,4,6-TrichlorophenoI	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2,4-DichlorophenoI	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2,4-DimethylphenoI	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2,4-Dinitrophenol	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036633]
2,6-Dinitrotoluene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2-Chloronaphthalene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2-ChlorophenoI	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2-Methylnaphthalene	0.49 J	(1.3) [0.125535]	0.045 J	(0.38) [0.037866]	ND	(0.37) [0.036633]
2-MethylphenoI(o-cresol)	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
2-Nitroaniline	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036633]
2-Nitrophenol	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
3,3'-Dichlorobenzidine	ND	(2.5) [0.125535]	ND	(0.76) [0.037866]	ND	(0.73) [0.036633]
3-Nitroaniline	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036633]
4,6-Dinitro-2-methylphenoI	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036633]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)						
	10 10-SS-01 10-SS-01-01 0 - 0.5	10 10-SS-02 10-SS-02-01 0 - 0.5	10 10-SS-03 10-SS-03-01 0 - 0.5	10 10-SS-03 Dup of 10-SS-03-01 0 - 0.5			
4-Bromophenyl phenyl ether	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Chloro-3-methylphenol	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Chlorophenyl phenyl ether	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Methylphenol (p-cresol)	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Nitroaniline	ND	(6.3) [0.125535]	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
4-Nitrophenol	ND	(6.3) [0.125535]	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
Acenaphthene	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Acenaphthylene	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Anthracene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.012 J	(0.37) [0.036553]	ND	(0.37) [0.036633]
Benzo(a)anthracene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.031 J	(0.38) [0.037866]	0.041 J	(0.37) [0.036633]
Benzo(a)pyrene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.044 J	(0.38) [0.037866]	0.076 J	(0.37) [0.036633]
Benzo(b)fluoranthene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.042 JF	(0.38) [0.037866]	0.092 JF	(0.37) [0.036633]
Benzo(g,h,i)perylene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.06 J	(0.38) [0.037866]	0.067 J	(0.37) [0.036633]
Benzo(k)fluoranthene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.042 JF	(0.38) [0.037866]	0.092 JF	(0.37) [0.036633]
Benzoic acid	ND	(6.3) [0.125535]	(1.9) [0.037866]	ND	(1.9) [0.037866]	ND	(1.8) [0.036633]
Benzyl alcohol	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Butylbenzylphthalate	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Chrysene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.047 J	(0.38) [0.037866]	0.065 J	(0.37) [0.036633]
Di-n-octylphthalate	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Dibenz(a,h)anthracene	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Dibenzofuran	0.28 J	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Dibutylphthalate	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Diethylphthalate	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Dimethylphthalate	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Fluoranthene	ND	(1.3) [0.125535]	(0.38) [0.037866]	0.039 J	(0.38) [0.037866]	0.079 J	(0.37) [0.036633]
Fluorene	0.62 J	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Hexachlorobenzene	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Hexachlorobutadiene	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Hexachlorocyclopentadiene	ND	(1.3) [0.125535]	(0.38) [0.037866]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		10		10	
	10-SS-01	10-SS-02	10-SS-03	10-SS-03-01	10-SS-03	10-SS-03-01	10-SS-03	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Indeno(1,2,3-cd)pyrene	ND	(1.3) [0.125535]	0.051 JB	(0.38) [0.037866]	0.068 J	(0.37) [0.036553]	0.053 JB	(0.37) [0.036633]
Isophorone	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
N-Nitrosodiphenylamine	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
N-Nitrosodipropylamine	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Naphthalene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Nitrobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Pentachlorophenol	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
Phenanthrene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	0.037 J	(0.37) [0.036553]	ND	(0.37) [0.036633]
Phenol	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Pyrene	ND	(1.3) [0.125535]	0.054 J	(0.38) [0.037866]	0.074 J	(0.37) [0.036553]	0.053 J	(0.37) [0.036633]
bis(2-Chloroethoxy)methane	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
bis(2-Chloroethyl) ether	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
bis(2-Chloroisopropyl) ether	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
bis(2-Ethylhexyl) phthalate	0.4 J	(1.3) [0.125535]	0.32 J	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
p-Chloroaniline	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(670) [374.5318]	ND	(640) [356.5062]	ND	(630) [347.3428]	ND	(630) [348.4320]
Acenaphthylene	52 J	(860) [374.5318]	ND	(820) [356.5062]	ND	(800) [347.3428]	ND	(800) [348.4320]
Anthracene	8 J	(250) [374.5318]	ND	(240) [356.5062]	ND	(230) [347.3428]	ND	(230) [348.4320]
Benzo(a)anthracene	5.9	(4.9) [374.5318]	8	(4.6) [356.5062]	16	(4.5) [347.3428]	15	(4.5) [348.4320]
Benzo(a)pyrene	ND	(8.6) [374.5318]	16	(8.2) [356.5062]	40	(8) [347.3428]	37	(8) [348.4320]
Benzo(b)fluoranthene	ND	(6.7) [374.5318]	16	(6.4) [356.5062]	43	(6.3) [347.3428]	38	(6.3) [348.4320]
Benzo(g,h,i)perylene	31	(28) [374.5318]	35	(27) [356.5062]	22 J	(26) [347.3428]	22 J	(26) [348.4320]
Benzo(k)fluoranthene	3.5 J	(6.4) [374.5318]	ND	(6.1) [356.5062]	16	(5.9) [347.3428]	14	(5.9) [348.4320]
Chrysene	ND	(56) [374.5318]	ND	(53) [356.5062]	24 J	(52) [347.3428]	19 J	(52) [348.4320]
Dibenzo(a,h)anthracene	4.1 J	(11) [374.5318]	5 J	(11) [356.5062]	5.9 J	(10) [347.3428]	5.1 J	(10) [348.4320]
Fluoranthene	55 J	(79) [374.5318]	26 J	(75) [356.5062]	40 J	(73) [347.3428]	44 J	(73) [348.4320]
Fluorene	1300	(79) [374.5318]	ND	(75) [356.5062]	ND	(73) [347.3428]	ND	(73) [348.4320]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SS-01	10-SS-02	10-SS-03	10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	11 J	61	49	46
Indeno(1,2,3-cd)pyrene	(16) [374.5318]	(15) [356.5062]	(15) [347.3428]	(15) [348.4320]
Naphthalene	(670) [374.5318]	(640) [356.5062]	(630) [347.3428]	(630) [348.4320]
Phenanthrene	(240) [374.5318]	(230) [356.5062]	(220) [347.3428]	(220) [348.4320]
Pyrene	(100) [374.5318]	(96) [356.5062]	(94) [347.3428]	(94) [348.4320]
	120 J	ND	ND	ND
	110	34 J	41 J	43 J

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	11	10	11	10	11	10	11	10	11
	10-SS-04	11-SB-01	10-SS-05	10-SS-06	10-SS-05-01	10-SS-06-01	10-SS-05	10-SS-06	10-SS-05-01	11-SB-01
	0 - 0.5	2 - 4	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4
<hr/>										
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	78	(22)	[108]	(22)	[111]	[110]	38	(22)	[111]	[134]
Gasoline Range Organics (2)	ND	(11)	[106]	(11)	[110]	[112]	ND	(11)	[110]	[131]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	140	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	1000	(9.4)	[937.0314]	[44.82294]
4,4'-DDE	81	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	500	(9.4)	[937.0314]	[44.82294]
4,4'-DDT	1300	(36)	[1786.990]	(19)	[937.0314]	[744.6016]	2400 E	(19)	[937.0314]	[44.82294]
Aldrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
Chlordane	ND	(89)	[1786.990]	(47)	[937.0314]	[744.6016]	ND	(47)	[937.0314]	[44.82294]
Dieldrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
Endosulfan I	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
Endosulfan II	ND	(54)	[1786.990]	(28)	[937.0314]	[744.6016]	ND	(28)	[937.0314]	[44.82294]
Endosulfan Sulfate	5 KJ	(89)	[1786.990]	(47)	[937.0314]	[744.6016]	ND	(47)	[937.0314]	[44.82294]
Endrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
Endrin Aldehyde	ND	(36)	[1786.990]	(19)	[937.0314]	[744.6016]	ND	(19)	[937.0314]	[44.82294]
Heptachlor	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
Heptachlor epoxide	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
Methoxychlor	ND	(89)	[1786.990]	(47)	[937.0314]	[744.6016]	ND	(47)	[937.0314]	[44.82294]
PCB-1016	ND	(180)	[1786.990]	(94)	[937.0314]	[744.6016]	ND	(94)	[937.0314]	[44.82294]
PCB-1221	ND	(360)	[1786.990]	(190)	[937.0314]	[744.6016]	ND	(190)	[937.0314]	[44.82294]
PCB-1232	ND	(360)	[1786.990]	(190)	[937.0314]	[744.6016]	ND	(190)	[937.0314]	[44.82294]
PCB-1242	ND	(180)	[1786.990]	(94)	[937.0314]	[744.6016]	ND	(94)	[937.0314]	[44.82294]
PCB-1248	ND	(180)	[1786.990]	(94)	[937.0314]	[744.6016]	ND	(94)	[937.0314]	[44.82294]
PCB-1254	ND	(360)	[1786.990]	(190)	[937.0314]	[744.6016]	ND	(190)	[937.0314]	[44.82294]
PCB-1260	ND	(360)	[1786.990]	(190)	[937.0314]	[744.6016]	ND	(190)	[937.0314]	[44.82294]
Toxaphene	ND	(890)	[1786.990]	(470)	[937.0314]	[744.6016]	ND	(470)	[937.0314]	[44.82294]
alpha-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
beta-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]
delta-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	[744.6016]	ND	(9.4)	[937.0314]	[44.82294]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	10	10	10	10	10	10	10	10	10	10	10	11
	10-SS-04	10-SS-05	10-SS-06	10-SS-07	10-SS-08	10-SS-09	10-SS-10	10-SS-11	10-SS-12	10-SS-13	10-SS-14	11-SB-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	11-SB-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4
gamma-BHC	ND	(18)	[1786.990]	ND	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	ND	(0.45)	[44.82294]
SW8240 - Volatile Organics (ug/kg)	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,1,1-Trichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,1,2,2-Tetrachloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,1,2-Trichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,1-Dichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,1-Dichloroethene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,2-Dichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
1,2-Dichloropropane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
2-Chloroethyl vinyl ether	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]
2-Hexanone	ND	(54)	[1.078748]	ND	(56)	[1.127395]	ND	(56)	[1.126126]	ND	(67)	[1.345895]
4-Methyl-2-pentanone(MIBK)	ND	(54)	[1.078748]	ND	(56)	[1.127395]	ND	(56)	[1.126126]	ND	(67)	[1.345895]
Acetone	ND	(110)	[1.078748]	ND	(110)	[1.127395]	ND	(110)	[1.126126]	ND	(130)	[1.345895]
Benzene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Bromodichloromethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Bromomethane	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]
Carbon disulfide	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Carbon tetrachloride	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Chlorobenzene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Chloroethane	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]
Chloroform	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Chloromethane	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]
Dibromochloromethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Ethyl benzene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Methyl ethyl ketone	ND	(110)	[1.078748]	ND	(110)	[1.127395]	ND	(110)	[1.126126]	ND	(130)	[1.345895]
Methylene chloride	7.4 B	(5.4)	[1.078748]	12	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	2.1 JB	(6.7)	[1.345895]
Styrene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Tetrachloroethene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]
Toluene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	11	10	11	10	11
	10-SS-04	10-SS-05	10-SS-06	11-SB-01	10-SS-06	11-SB-01
	10-SS-04-01	10-SS-05-01	10-SS-06-01	11-SB-01-01	10-SS-06-01	11-SB-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4	0 - 0.5	2 - 4
4-Bromophenyl phenyl ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
4-Chloro-3-methylphenol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
4-Chlorophenyl phenyl ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
4-Methylphenol(p-cresol)	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
4-Nitroaniline	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]
4-Nitrophenol	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]
Acenaphthene	1.9	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Acenaphthylene	0.48 J	(1.2) [0.122813]	0.041 J	(0.48) [0.047539]	ND	(0.36) [0.036393]
Anthracene	7.9	(1.2) [0.122813]	0.056 J	(0.48) [0.047539]	ND	(0.36) [0.036393]
Benzo(a)anthracene	14	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.059 J	(0.36) [0.036393]
Benzo(a)pyrene	13	(1.2) [0.122813]	0.26 J	(0.48) [0.047539]	0.088 J	(0.36) [0.036393]
Benzo(b)fluoranthene	13 F	(1.2) [0.122813]	0.25 JF	(0.48) [0.047539]	0.12 JF	(0.36) [0.036393]
Benzo(g,h,i)perylene	6.7	(1.2) [0.122813]	0.22 J	(0.48) [0.047539]	0.099 J	(0.36) [0.036393]
Benzo(k)fluoranthene	13 F	(1.2) [0.122813]	0.25 JF	(0.48) [0.047539]	0.12 JF	(0.36) [0.036393]
Benzoic acid	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]
Benzyl alcohol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Butylbenzylphthalate	ND	(1.2) [0.122813]	0.068 J	(0.48) [0.047539]	ND	(0.36) [0.036393]
Chrysene	16	(1.2) [0.122813]	0.39 J	(0.48) [0.047539]	0.11 J	(0.36) [0.036393]
Di-n-octylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Dibenz(a,h)anthracene	3.1	(1.2) [0.122813]	0.087 J	(0.48) [0.047539]	ND	(0.36) [0.036393]
Dibenzofuran	0.74 J	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Dibutylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Diethylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Dimethylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Fluoranthene	31	(6.1) [0.614066]	0.43 J	(0.48) [0.047539]	0.12 J	(0.36) [0.036393]
Fluorene	2.2	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Hexachlorobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Hexachlorobutadiene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]
Hexachlorocyclopentadiene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	11
	10-SS-04	10-SS-05	10-SS-06	10-SS-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	11-SB-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	11-SB-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4
Hexachloroethane	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Indeno(1,2,3-cd)pyrene	6.6	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.088 J	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Isophorone	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
N-Nitrosodiphenylamine	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
N-Nitrosodipropylamine	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Naphthalene	0.14 J	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Nitrobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Pentachlorophenol	1.2 J	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
Phenanthrene	17	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.055 J	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Phenol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Pyrene	28	(6.1) [0.14066]	0.46 J	(0.48) [0.047539]	0.12 J	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
bis(2-Chloroethoxy)methane	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
bis(2-Chloroethyl) ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
bis(2-Chloroisopropyl) ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
bis(2-Ethylhexyl) phthalate	0.94 J	(1.2) [0.122813]	0.14 J	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
p-Chloroaniline	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	ND	(3200) [1796.622]	ND	(670) [374.2514]	ND	(670) [373.5524]	ND	(670) [373.5524]	NA	NA
Acenaphthylene	ND	(4100) [1796.622]	ND	(860) [374.2514]	ND	(860) [373.5524]	ND	(860) [373.5524]	NA	NA
Anthracene	300 J	(1200) [1796.622]	18 J	(250) [374.2514]	ND	(250) [373.5524]	ND	(250) [373.5524]	NA	NA
Benzo(a)anthracene	840	(47) [3593.244]	69	(4.9) [374.2514]	31	(4.9) [373.5524]	31	(4.9) [373.5524]	NA	NA
Benzo(a)pyrene	500	(41) [1796.622]	72	(8.6) [374.2514]	67	(8.6) [373.5524]	67	(8.6) [373.5524]	NA	NA
Benzo(b)fluoranthene	24 J	(32) [1796.622]	78	(6.7) [374.2514]	82	(6.7) [373.5524]	82	(6.7) [373.5524]	NA	NA
Benzo(g,h,i)perylene	120 J	(140) [1796.622]	15 J	(28) [374.2514]	45	(28) [373.5524]	45	(28) [373.5524]	NA	NA
Benzo(k)fluoranthene	260	(31) [1796.622]	37	(6.4) [374.2514]	38	(6.4) [373.5524]	38	(6.4) [373.5524]	NA	NA
Chrysene	210 J	(270) [1796.622]	140	(56) [374.2514]	90	(56) [373.5524]	90	(56) [373.5524]	NA	NA
Dibenzo(a,h)anthracene	170	(54) [1796.622]	9.8 J	(11) [374.2514]	24	(11) [373.5524]	24	(11) [373.5524]	NA	NA
Fluoranthene	1600	(380) [1796.622]	140	(79) [374.2514]	96	(78) [373.5524]	96	(78) [373.5524]	NA	NA
Fluorene	88 J	(380) [1796.622]	ND	(79) [374.2514]	ND	(78) [373.5524]	ND	(78) [373.5524]	NA	NA

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	10		10		10		10		11	
	10-SS-04 0 - 0.5		10-SS-05 10-SS-05-01 0 - 0.5		10-SS-06 10-SS-06-01 0 - 0.5				11-SB-01 11-SB-01-01 2 - 4	
Indeno(1,2,3-cd)pyrene	800	(77) [1796.622]	18	(16) [374.2514]	110	(16) [373.5524]			NA	
Naphthalene	ND	(3200) [1796.622]	ND	(670) [374.2514]	ND	(670) [373.5524]			NA	
Phenanthrene	960 J	(1100) [1796.622]	110 J	(240) [374.2514]	87 J	(240) [373.5524]			NA	
Pyrene	1800	(490) [1796.622]	150	(100) [374.2514]	96 J	(100) [373.5524]			NA	

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	11				11				11				11			
	11-SB-01				11-SS-01				11-SS-01				11-SS-01			
	11-SB-01-02	11-SB-01-02	11-SB-01-02	11-SB-01-02	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01
	5 - 7	5 - 7	5 - 7	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
<hr/>																
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)																
Diesel Range Organics (2)	ND	(25)	[126]	(25)	NA	(230)	[1150]	(230)	NA	(53)	[531]	20 B	NA	(20)	[102]	[102]
Gasoline Range Organics (2)	ND	(12)	[118]	(12)	NA	(11)	[109]	(11)	NA	(53)	[531]	ND	NA	(10)	[104]	[104]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																
4,4'-DDD	1.7	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
4,4'-DDE	0.99	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
4,4'-DDT	3	(0.84)	[41.99916]	(0.84)	NA				NA				NA			
Aldrin	1.4	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
Chlordane	ND	(2.1)	[41.99916]	(2.1)	NA				NA				NA			
Dieldrin	0.37 KJB	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
Endosulfan I	ND	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
Endosulfan II	0.69 JB	(1.3)	[41.99916]	(1.3)	NA				NA				NA			
Endosulfan Sulfate	0.74 KJB	(2.1)	[41.99916]	(2.1)	NA				NA				NA			
Endrin	ND	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
Endrin Aldehyde	0.41 KJB	(0.84)	[41.99916]	(0.84)	NA				NA				NA			
Heptachlor	0.12 KJB	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
Heptachlor epoxide	0.46 PB	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
Methoxychlor	ND	(2.1)	[41.99916]	(2.1)	NA				NA				NA			
PCB-1016	ND	(4.2)	[41.99916]	(4.2)	NA				NA				NA			
PCB-1221	ND	(8.4)	[41.99916]	(8.4)	NA				NA				NA			
PCB-1232	ND	(8.4)	[41.99916]	(8.4)	NA				NA				NA			
PCB-1242	ND	(4.2)	[41.99916]	(4.2)	NA				NA				NA			
PCB-1248	ND	(4.2)	[41.99916]	(4.2)	NA				NA				NA			
PCB-1254	ND	(8.4)	[41.99916]	(8.4)	NA				NA				NA			
PCB-1260	ND	(8.4)	[41.99916]	(8.4)	NA				NA				NA			
Toxaphene	ND	(21)	[41.99916]	(21)	NA				NA				NA			
alpha-BHC	ND	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
beta-BHC	0.39 KJB	(0.42)	[41.99916]	(0.42)	NA				NA				NA			
delta-BHC	1.2 B	(0.42)	[41.99916]	(0.42)	NA				NA				NA			

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit ☐ = Factor ☐ = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)											
	11				11				12			
	11-SB-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	12-MW-01
	11-SB-01-02	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	12-MW-01-02
	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 7

Tribromomethane(Bromoform)	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Trichloroethene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Vinyl acetate	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Vinyl chloride	ND	(13)	[1.261034]	ND	(230)	[23.17497]	ND	(230)	[22.72727]	ND	(10)	[1.039501]
Xylenes	ND	(6.3)	[1.261034]	55 J	(120)	[23.17497]	67 J	(110)	[22.72727]	ND	(5.2)	[1.039501]
cis-1,3-Dichloropropene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
trans-1,2-Dichloroethene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
trans-1,3-Dichloropropene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
1,2-Dichlorobenzene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
1,3-Dichlorobenzene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
1,4-Dichlorobenzene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2,4,5-Trichlorophenol	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2,4,6-Trichlorophenol	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2,4-Dichlorophenol	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2,4-Dimethylphenol	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2,4-Dinitrophenol	ND	(2.1)	[0.042034]	ND	(5.8)	[0.115413]	NA			ND	(1.7)	[0.034569]
2,4-Dinitrotoluene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2,6-Dinitrotoluene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2-Chloronaphthalene	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2-Chlorophenol	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2-Methylnaphthalene	ND	(0.42)	[0.042034]	0.13 J	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2-Methylphenol(o-cresol)	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
2-Nitroaniline	ND	(2.1)	[0.042034]	ND	(5.8)	[0.115413]	NA			ND	(1.7)	[0.034569]
2-Nitrophenol	ND	(0.42)	[0.042034]	ND	(1.2)	[0.115413]	NA			ND	(0.35)	[0.034569]
3,3'-Dichlorobenzidine	ND	(0.84)	[0.042034]	ND	(2.3)	[0.115413]	NA			ND	(0.69)	[0.034569]
3-Nitroaniline	ND	(2.1)	[0.042034]	ND	(5.8)	[0.115413]	NA			ND	(1.7)	[0.034569]
4,6-Dinitro-2-methylphenol	ND	(2.1)	[0.042034]	ND	(5.8)	[0.115413]	NA			ND	(1.7)	[0.034569]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID		LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
12				
12-MW-02				
12-MW-02-02				
10 - 12				

PARAMETER	-----			
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)				
Diesel Range Organics (2)	ND	(22)	[109]	
Gasoline Range Organics (2)	ND	(11)	[107]	
SW8240 - Volatile Organics (ug/kg)				
1,1,1-Trichloroethane	ND	(5.5)	[1.103752]	
1,1,2,2-Tetrachloroethane	ND	(5.5)	[1.103752]	
1,1,2-Trichloroethane	ND	(5.5)	[1.103752]	
1,1-Dichloroethane	ND	(5.5)	[1.103752]	
1,1-Dichloroethene	ND	(5.5)	[1.103752]	
1,2-Dichloroethane	ND	(5.5)	[1.103752]	
1,2-Dichloropropane	ND	(5.5)	[1.103752]	
2-Chloroethyl vinyl ether	ND	(11)	[1.103752]	
2-Hexanone	ND	(55)	[1.103752]	
4-Methyl-2-pentanone(MIBK)	ND	(55)	[1.103752]	
Acetone	ND	(110)	[1.103752]	
Benzene	ND	(5.5)	[1.103752]	
Bromodichloromethane	ND	(5.5)	[1.103752]	
Bromomethane	ND	(11)	[1.103752]	
Carbon disulfide	ND	(5.5)	[1.103752]	
Carbon tetrachloride	ND	(5.5)	[1.103752]	
Chlorobenzene	ND	(5.5)	[1.103752]	
Chloroethane	ND	(11)	[1.103752]	
Chloroform	ND	(5.5)	[1.103752]	
Chloromethane	ND	(11)	[1.103752]	
Dibromochloromethane	ND	(5.5)	[1.103752]	
Ethyl benzene	ND	(5.5)	[1.103752]	
Methyl ethyl ketone	ND	(110)	[1.103752]	
Methylene chloride	3.7 JB	(5.5)	[1.103752]	
Styrene	ND	(5.5)	[1.103752]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)	
	12	
	12-MW-02	
	12-MW-02-02	
	10 - 12	

Tetrachloroethene	ND	(5.5) [1.103752]
Toluene	ND	(5.5) [1.103752]
Tribromomethane(Bromoform)	ND	(5.5) [1.103752]
Trichloroethene	ND	(5.5) [1.103752]
Vinyl acetate	ND	(5.5) [1.103752]
Vinyl chloride	ND	(11) [1.103752]
Xylenes	ND	(5.5) [1.103752]
cis-1,3-Dichloropropene	ND	(5.5) [1.103752]
trans-1,2-Dichloroethene	ND	(5.5) [1.103752]
trans-1,3-Dichloropropene	ND	(5.5) [1.103752]
SW8270 - Semivolatile Organics (mg/kg)		
1,2,4-Trichlorobenzene	ND	(0.37) [0.036645]
1,2-Dichlorobenzene	ND	(0.37) [0.036645]
1,3-Dichlorobenzene	ND	(0.37) [0.036645]
1,4-Dichlorobenzene	ND	(0.37) [0.036645]
2,4,5-Trichlorophenol	ND	(0.37) [0.036645]
2,4,6-Trichlorophenol	ND	(0.37) [0.036645]
2,4-Dichlorophenol	ND	(0.37) [0.036645]
2,4-Dimethylphenol	ND	(0.37) [0.036645]
2,4-Dinitrophenol	ND	(1.8) [0.036645]
2,4-Dinitrotoluene	ND	(0.37) [0.036645]
2,6-Dinitrotoluene	ND	(0.37) [0.036645]
2-Chloronaphthalene	ND	(0.37) [0.036645]
2-Chlorophenol	ND	(0.37) [0.036645]
2-Methylnaphthalene	ND	(0.37) [0.036645]
2-Methylphenol(o-cresol)	ND	(0.37) [0.036645]
2-Nitroaniline	ND	(1.8) [0.036645]
2-Nitrophenol	ND	(0.37) [0.036645]
3,3'-Dichlorobenzidine	ND	(0.73) [0.036645]

() = Detection Limit ☐ = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)	
	12	
	12-MW-02	
	12-NW-02-02	
	10 - 12	
3-Nitroaniline	ND	(1.8) [0.036645]
4,6-Dinitro-2-methylphenol	ND	(1.8) [0.036645]
4-Bromophenyl phenyl ether	ND	(0.37) [0.036645]
4-Chloro-3-methylphenol	ND	(0.37) [0.036645]
4-Chlorophenyl phenyl ether	ND	(0.37) [0.036645]
4-Methylphenol (p-cresol)	ND	(0.37) [0.036645]
4-Nitroaniline	ND	(1.8) [0.036645]
4-Nitrophenol	ND	(1.8) [0.036645]
Acenaphthene	ND	(0.37) [0.036645]
Acenaphthylene	ND	(0.37) [0.036645]
Anthracene	ND	(0.37) [0.036645]
Benzo(a)anthracene	ND	(0.37) [0.036645]
Benzo(a)pyrene	ND	(0.37) [0.036645]
Benzo(b)fluoranthene	ND	(0.37) [0.036645]
Benzo(g,h,i)perylene	ND	(0.37) [0.036645]
Benzo(k)fluoranthene	ND	(0.37) [0.036645]
Benzoic acid	ND	(1.8) [0.036645]
Benzyl alcohol	ND	(0.37) [0.036645]
Butylbenzylphthalate	ND	(0.37) [0.036645]
Chrysene	ND	(0.37) [0.036645]
Di-n-octylphthalate	ND	(0.37) [0.036645]
Dibenz(a,h)anthracene	ND	(0.37) [0.036645]
Dibenzofuran	ND	(0.37) [0.036645]
Diethylphthalate	ND	(0.37) [0.036645]
Diethylphthalate	ND	(0.37) [0.036645]
Dimethylphthalate	ND	(0.37) [0.036645]
Fluoranthene	ND	(0.37) [0.036645]
Fluorene	ND	(0.37) [0.036645]
Hexachlorobenzene	ND	(0.37) [0.036645]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID		BEG. DEPTH - END DEPTH (FT.)
LOCATION ID		
SAMPLE ID		
12		
12-MW-02		
12-MW-02-02		
10 - 12		

PARAMETER		

Hexachlorobutadiene	ND	(0.37) [0.036645]
Hexachlorocyclopentadiene	ND	(0.37) [0.036645]
Hexachloroethane	ND	(0.37) [0.036645]
Indeno(1,2,3-cd)pyrene	ND	(0.37) [0.036645]
Isophorone	ND	(0.37) [0.036645]
N-Nitrosodiphenylamine	ND	(0.37) [0.036645]
N-Nitrosodipropylamine	ND	(0.37) [0.036645]
Naphthalene	ND	(0.37) [0.036645]
Nitrobenzene	ND	(0.37) [0.036645]
Pentachlorophenol	ND	(1.8) [0.036645]
Phenanthrene	ND	(0.37) [0.036645]
Phenol	ND	(0.37) [0.036645]
Pyrene	ND	(0.37) [0.036645]
bis(2-Chloroethoxy)methane	ND	(0.37) [0.036645]
bis(2-Chloroethyl) ether	ND	(0.37) [0.036645]
bis(2-Chloroisopropyl) ether	ND	(0.37) [0.036645]
bis(2-Ethylhexyl) phthalate	ND	(0.37) [0.036645]
p-Chloroaniline	ND	(0.37) [0.036645]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	LOCATION ID				SAMPLE ID								
	BEG. DEPTH - END DEPTH (FT.)												
	01	01	01	01	01	01	01	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-SB-01	01-SB-01	01-MW-01	01-MW-02	01-SB-01	01-SB-01	01-MW-01	01-MW-02	01-SB-01	01-SB-01	01-SB-01
	5 - 7	5 - 7	3 - 5	3 - 5	5 - 7	5 - 7	3 - 5	3 - 5	5 - 7	5 - 7	3 - 5	3 - 5	8 - 10

SW6010 - Metals (mg/kg)													
Aluminum	11000	(19)	[96.15384]	7800	(21)	[103.7344]	11000	(22)	[112.3595]	9300	(20)	[100.8064]	
Antimony	ND	(9.6)	[96.15384]	ND	(10)	[103.7344]	ND	(11)	[112.3595]	ND	(10)	[100.8064]	
Arsenic	ND	(29)	[96.15384]	ND	(31)	[103.7344]	ND	(34)	[112.3595]	ND	(30)	[100.8064]	
Barium	210	(0.96)	[96.15384]	130	(1)	[103.7344]	200	(1.1)	[112.3595]	170	(1)	[100.8064]	
Beryllium	0.28	(0.19)	[96.15384]	ND	(0.21)	[103.7344]	0.23	(0.22)	[112.3595]	0.21	(0.2)	[100.8064]	
Cadmium	ND	(0.48)	[96.15384]	ND	(0.52)	[103.7344]	ND	(0.56)	[112.3595]	ND	(0.5)	[100.8064]	
Calcium	16000	(96)	[96.15384]	9000	(100)	[103.7344]	13000	(110)	[112.3595]	13000	(100)	[100.8064]	
Chromium	24	(0.96)	[96.15384]	17	(1)	[103.7344]	24	(1.1)	[112.3595]	20	(1)	[100.8064]	
Cobalt	12	(0.96)	[96.15384]	9.1	(1)	[103.7344]	13	(1.1)	[112.3595]	11	(1)	[100.8064]	
Copper	37	(1.9)	[96.15384]	19	(2.1)	[103.7344]	33	(2.2)	[112.3595]	30	(2)	[100.8064]	
Iron	23000	(4.8)	[96.15384]	18000	(5.2)	[103.7344]	25000	(5.6)	[112.3595]	21000	(5)	[100.8064]	
Lead	6.5	(4.8)	[96.15384]	8.9	(5.2)	[103.7344]	18	(5.6)	[112.3595]	12	(5)	[100.8064]	
Magnesium	7800	(96)	[96.15384]	6000	(100)	[103.7344]	7800	(110)	[112.3595]	7100	(100)	[100.8064]	
Manganese	440	(0.96)	[96.15384]	310	(1)	[103.7344]	440	(1.1)	[112.3595]	380	(1)	[100.8064]	
Molybdenum	ND	(4.8)	[96.15384]	ND	(5.2)	[103.7344]	ND	(5.6)	[112.3595]	ND	(5)	[100.8064]	
Nickel	28	(1.9)	[96.15384]	21	(2.1)	[103.7344]	29	(2.2)	[112.3595]	25	(2)	[100.8064]	
Potassium	1000	(290)	[96.15384]	790	(310)	[103.7344]	1100	(340)	[112.3595]	880	(300)	[100.8064]	
Selenium	ND	(29)	[96.15384]	ND	(31)	[103.7344]	ND	(34)	[112.3595]	ND	(30)	[100.8064]	
Silver	ND	(0.96)	[96.15384]	ND	(1)	[103.7344]	ND	(1.1)	[112.3595]	ND	(1)	[100.8064]	
Sodium	340	(96)	[96.15384]	240	(100)	[103.7344]	300	(110)	[112.3595]	260	(100)	[100.8064]	
Thallium	ND	(9.6)	[96.15384]	ND	(10)	[103.7344]	ND	(11)	[112.3595]	ND	(10)	[100.8064]	
Vanadium	40	(1.9)	[96.15384]	31	(2.1)	[103.7344]	41	(2.2)	[112.3595]	34	(2)	[100.8064]	
Zinc	77	(1.9)	[96.15384]	54	(2.1)	[103.7344]	87	(2.2)	[112.3595]	68	(2)	[100.8064]	
SW7060 - Arsenic (mg/kg)													
Arsenic	9.8	(0.83)	[208.3333]	8	(0.75)	[188.4836]	11	(0.74)	[186.0119]	9.5	(0.84)	[210.0840]	
SW7421 - Lead (mg/kg)													
Lead	11	(1.2)	[416.6666]	10	(1.1)	[376.9672]	10	(1.1)	[372.0238]	7.8	(0.63)	[210.0840]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-SB-01	01-SB-01	01-SB-01
	01-MW-01-02	01-MW-02-02	01-MW-02-02	01-SB-01-01	01-SB-01-02	01-SB-01-02
	5 - 7	5 - 7	5 - 7	3 - 5	8 - 10	8 - 10
SW7471 - Mercury (mg/kg)						
Mercury	0.09 B	(0.063) [350.8771]	0.12	(0.062) [342.9355]	0.11	(0.043) [238.0952] 0.11 (0.051) [284.0909]
SW7740 - Selenium (mg/kg)						
Selenium	ND	(0.52) [104.1666]	ND	(0.47) [94.24182]	ND	(0.47) [93.00595] ND (0.53) [105.0420]
SW846 - Percent Moisture (%)						
Percent moisture	25	() [1]	19	() [1]	16	() [1] 20 () [1]

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	01
	01-SB-01	01-SB-02	01-SB-02	01-SB-02
	01-SB-01-03	01-SB-02-01	01-SB-02-02	01-SB-02-03
	12 - 15	3 - 5	5 - 7	12 - 15

SW7471 - Mercury (mg/kg)				
Mercury	0.095 B	(0.045) [250.0000]	0.084 B	(0.042) [232.5581]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.47) [94.69696]	ND	(0.42) [84.87523]
SW846 - Percent Moisture (%)				
Percent moisture	20	() [1]	14	() [1]
			22	() [1]
			0.11	(0.048) [267.0940]
			0.11	(0.047) [263.1578]
			ND	(0.53) [105.2631]
			24	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
			01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01
SW6010 - Metals (mg/kg)	0 - 0.5		01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01
	0 - 0.5		01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01
Aluminum	12000	(20) [102.0408]	13000	(20) [99.0099]	11000	(20) [102.0408]	12000	(19) [95.23809]		
Antimony	ND	(10) [102.0408]	16	(9.9) [99.0099]	ND	(10) [102.0408]	ND	(9.5) [95.23809]		
Arsenic	ND	(31) [102.0408]	ND	(30) [99.0099]	ND	(31) [102.0408]	ND	(29) [95.23809]		
Barium	190	(1) [102.0408]	200	(0.99) [99.0099]	180	(1) [102.0408]	190	(0.95) [95.23809]		
Beryllium	0.25	(0.2) [102.0408]	0.3	(0.2) [99.0099]	0.21	(0.2) [102.0408]	0.24	(0.19) [95.23809]		
Cadmium	ND	(0.51) [102.0408]	0.69	(0.5) [99.0099]	0.68	(0.51) [102.0408]	ND	(0.48) [95.23809]		
Calcium	13000	(100) [102.0408]	14000	(99) [99.0099]	14000	(100) [102.0408]	14000	(95) [95.23809]		
Chromium	26	(1) [102.0408]	25	(0.99) [99.0099]	23	(1) [102.0408]	24	(0.95) [95.23809]		
Cobalt	12	(1) [102.0408]	12	(0.99) [99.0099]	11	(1) [102.0408]	11	(0.95) [95.23809]		
Copper	30	(2) [102.0408]	30	(2) [99.0099]	28	(2) [102.0408]	28	(1.9) [95.23809]		
Iron	23000	(5.1) [102.0408]	24000	(5) [99.0099]	23000	(5.1) [102.0408]	23000	(4.8) [95.23809]		
Lead	22	(5.1) [102.0408]	10	(5) [99.0099]	10	(5.1) [102.0408]	8	(4.8) [95.23809]		
Magnesium	7500	(100) [102.0408]	7900	(99) [99.0099]	7600	(100) [102.0408]	7600	(95) [95.23809]		
Manganese	410	(1) [102.0408]	430	(0.99) [99.0099]	420	(1) [102.0408]	410	(0.95) [95.23809]		
Molybdenum	ND	(5.1) [102.0408]	ND	(5) [99.0099]	ND	(5.1) [102.0408]	ND	(4.8) [95.23809]		
Nickel	28	(2) [102.0408]	29	(2) [99.0099]	28	(2) [102.0408]	27	(1.9) [95.23809]		
Potassium	1400	(310) [102.0408]	1400	(300) [99.0099]	1300	(310) [102.0408]	1400	(290) [95.23809]		
Selenium	ND	(31) [102.0408]	ND	(30) [99.0099]	ND	(31) [102.0408]	ND	(29) [95.23809]		
Silver	ND	(1) [102.0408]	ND	(0.99) [99.0099]	ND	(1) [102.0408]	ND	(0.95) [95.23809]		
Sodium	400	(100) [102.0408]	420	(99) [99.0099]	340	(100) [102.0408]	400	(95) [95.23809]		
Thallium	ND	(10) [102.0408]	ND	(9.9) [99.0099]	ND	(10) [102.0408]	ND	(9.5) [95.23809]		
Vanadium	42	(2) [102.0408]	43	(2) [99.0099]	38	(2) [102.0408]	40	(1.9) [95.23809]		
Zinc	77	(2) [102.0408]	78	(2) [99.0099]	74	(2) [102.0408]	74	(1.9) [95.23809]		
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.82) [204.2483]	10	(0.79) [198.4126]	11	(0.82) [204.0816]	10	(0.76) [190.3311]		
SW7421 - Lead (mg/kg)										
Lead	13	(1.2) [408.4967]	5.4	(1.2) [391.3894]	9.7	(1.2) [408.1632]	8.1	(1.2) [386.1003]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	01
	01-SD-01	01-SD-01	01-SD-02	01-SD-01
	01-SD-01-01	01-DS-01 Dup of 01-SD-01-01	01-SD-02-01	01-DS-03 Dup of 01-SD-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.15	(0.063) [350.1400]	0.15	(0.066) [365.4970]
			0.13	(0.051) [285.7142]
SW7740 - Selenium (mg/kg)				0.14
Selenium	0.57	(0.51) [102.1241]	0.6	(0.51) [102.0408]
			ND	ND
SW846 - Percent Moisture (%)				
Percent moisture	32	() [1]	28	() [1]
			30	() [1]
				29
				() [1]
				(0.063) [352.1126]
				(0.48) [96.52509]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01			
	01-SS-01		01-SS-02		01-SS-03-01		01-SS-04		01-SS-05			
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5			

SW6010 - Metals (mg/kg)												
Aluminum	9500	(16)	[77.51938]	9100	(15)	[72.9927]	12000	(18)	[90.90908]	11000	(16)	[81.30081]
Antimony	ND	(7.8)	[77.51938]	ND	(7.3)	[72.9927]	ND	(9.1)	[90.90908]	ND	(8.1)	[81.30081]
Arsenic	ND	(23)	[77.51938]	ND	(22)	[72.9927]	ND	(27)	[90.90908]	ND	(24)	[81.30081]
Barium	160	(0.78)	[77.51938]	280	(0.73)	[72.9927]	240	(0.91)	[90.90908]	190	(0.81)	[81.30081]
Beryllium	0.24	(0.16)	[77.51938]	0.21	(0.15)	[72.9927]	0.29	(0.18)	[90.90908]	0.26	(0.16)	[81.30081]
Cadmium	ND	(0.39)	[77.51938]	ND	(0.36)	[72.9927]	ND	(0.45)	[90.90908]	ND	(0.41)	[81.30081]
Calcium	9400	(78)	[77.51938]	8100	(73)	[72.9927]	11000	(91)	[90.90908]	14000	(81)	[81.30081]
Chromium	21	(0.78)	[77.51938]	21	(0.73)	[72.9927]	28	(0.91)	[90.90908]	23	(0.81)	[81.30081]
Cobalt	11	(0.78)	[77.51938]	10	(0.73)	[72.9927]	13	(0.91)	[90.90908]	12	(0.81)	[81.30081]
Copper	22	(1.6)	[77.51938]	21	(1.5)	[72.9927]	30	(1.8)	[90.90908]	25	(1.6)	[81.30081]
Iron	19000	(3.9)	[77.51938]	18000	(3.6)	[72.9927]	23000	(4.5)	[90.90908]	22000	(4.1)	[81.30081]
Lead	30	(3.9)	[77.51938]	38	(3.6)	[72.9927]	70	(4.5)	[90.90908]	14	(4.1)	[81.30081]
Magnesium	6100	(78)	[77.51938]	5800	(73)	[72.9927]	7500	(91)	[90.90908]	7400	(81)	[81.30081]
Manganese	360	(0.78)	[77.51938]	320	(0.73)	[72.9927]	370	(0.91)	[90.90908]	400	(0.81)	[81.30081]
Molybdenum	ND	(3.9)	[77.51938]	ND	(3.6)	[72.9927]	ND	(4.5)	[90.90908]	ND	(4.1)	[81.30081]
Nickel	25	(1.6)	[77.51938]	22	(1.5)	[72.9927]	27	(1.8)	[90.90908]	28	(1.6)	[81.30081]
Potassium	940	(230)	[77.51938]	1000	(220)	[72.9927]	1500	(270)	[90.90908]	1100	(240)	[81.30081]
Selenium	ND	(23)	[77.51938]	ND	(22)	[72.9927]	ND	(27)	[90.90908]	ND	(24)	[81.30081]
Silver	ND	(0.78)	[77.51938]	ND	(0.73)	[72.9927]	ND	(0.91)	[90.90908]	ND	(0.81)	[81.30081]
Sodium	280	(78)	[77.51938]	280	(73)	[72.9927]	380	(91)	[90.90908]	330	(81)	[81.30081]
Thallium	ND	(7.8)	[77.51938]	ND	(7.3)	[72.9927]	ND	(9.1)	[90.90908]	ND	(8.1)	[81.30081]
Vanadium	34	(1.6)	[77.51938]	34	(1.5)	[72.9927]	44	(1.8)	[90.90908]	39	(1.6)	[81.30081]
Zinc	76	(1.6)	[77.51938]	89	(1.5)	[72.9927]	120	(1.8)	[90.90908]	74	(1.6)	[81.30081]

SW7060 - Arsenic (mg/kg)	9.4	(0.65)	[161.9433]	7.6	(0.56)	[140.3272]	10	(0.68)	[168.8618]	9.6	(0.63)	[156.3843]
Arsenic												
SW7421 - Lead (mg/kg)	37	(2.4)	[809.7165]	37	(2.1)	[701.6362]	89	(5.1)	[1688.618]	21	(2.3)	[781.9219]
Lead												

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	01
	01-SS-01	01-SS-02	01-SS-03	01-SS-04
	01-SS-01-01	01-SS-02-01	01-SS-03-01	01-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7471 - Mercury (mg/kg)				
Mercury	0.13	(0.047) [263.1578]	0.061 B	(0.039) [216.3378]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.4) [80.97165]	ND	(0.35) [70.16362]
SW846 - Percent Moisture (%)				
Percent moisture	5	() [1]	3.7	() [1]
			16	() [1]
			ND	(0.051) [283.4467]
			0.07 B	(0.045) [249.8750]
			ND	(0.42) [84.43093]
			ND	(0.39) [78.19219]
			13	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01			
	01-SS-05		01-SS-06		01-SS-06-01		01-SS-07		01-SS-07-01			
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5			

SW6010 - Metals (mg/kg)												
Aluminum	10000	(15)	[75.75757]	9000	(16)	[78.74015]	6500	(14)	[71.42857]	6300	(16)	[81.30081]
Antimony	ND	(7.6)	[75.75757]	ND	(7.9)	[78.74015]	ND	(7.1)	[71.42857]	ND	(8.1)	[81.30081]
Arsenic	ND	(23)	[75.75757]	ND	(24)	[78.74015]	ND	(21)	[71.42857]	ND	(24)	[81.30081]
Barium	180	(0.76)	[75.75757]	260	(0.79)	[78.74015]	200	(0.71)	[71.42857]	200	(0.81)	[81.30081]
Beryllium	0.25	(0.15)	[75.75757]	0.21	(0.16)	[78.74015]	0.16	(0.14)	[71.42857]	ND	(0.16)	[81.30081]
Cadmium	ND	(0.38)	[75.75757]	ND	(0.39)	[78.74015]	0.81	(0.36)	[71.42857]	0.86	(0.41)	[81.30081]
Calcium	11000	(76)	[75.75757]	8800	(79)	[78.74015]	4400	(71)	[71.42857]	4100	(81)	[81.30081]
Chromium	28	(0.76)	[75.75757]	24	(0.79)	[78.74015]	15	(0.71)	[71.42857]	15	(0.81)	[81.30081]
Cobalt	12	(0.76)	[75.75757]	10	(0.79)	[78.74015]	8.6	(0.71)	[71.42857]	7.5	(0.81)	[81.30081]
Copper	27	(1.5)	[75.75757]	20	(1.6)	[78.74015]	18	(1.4)	[71.42857]	17	(1.6)	[81.30081]
Iron	20000	(3.8)	[75.75757]	18000	(3.9)	[78.74015]	14000	(3.6)	[71.42857]	13000	(4.1)	[81.30081]
Lead	59	(3.8)	[75.75757]	66	(3.9)	[78.74015]	53	(3.6)	[71.42857]	58	(4.1)	[81.30081]
Magnesium	7100	(76)	[75.75757]	5600	(79)	[78.74015]	4000	(71)	[71.42857]	3900	(81)	[81.30081]
Manganese	350	(0.76)	[75.75757]	320	(0.79)	[78.74015]	180	(0.71)	[71.42857]	180	(0.81)	[81.30081]
Molybdenum	ND	(3.8)	[75.75757]	ND	(3.9)	[78.74015]	ND	(3.6)	[71.42857]	ND	(4.1)	[81.30081]
Nickel	26	(1.5)	[75.75757]	22	(1.6)	[78.74015]	19	(1.4)	[71.42857]	16	(1.6)	[81.30081]
Potassium	1500	(230)	[75.75757]	970	(240)	[78.74015]	720	(210)	[71.42857]	740	(240)	[81.30081]
Selenium	ND	(23)	[75.75757]	ND	(24)	[78.74015]	ND	(21)	[71.42857]	ND	(24)	[81.30081]
Silver	ND	(0.76)	[75.75757]	ND	(0.79)	[78.74015]	ND	(0.71)	[71.42857]	ND	(0.81)	[81.30081]
Sodium	310	(76)	[75.75757]	280	(79)	[78.74015]	150	(71)	[71.42857]	160	(81)	[81.30081]
Thallium	ND	(7.6)	[75.75757]	ND	(7.9)	[78.74015]	ND	(7.1)	[71.42857]	ND	(8.1)	[81.30081]
Vanadium	36	(1.5)	[75.75757]	34	(1.6)	[78.74015]	24	(1.4)	[71.42857]	23	(1.6)	[81.30081]
Zinc	83	(1.5)	[75.75757]	76	(1.6)	[78.74015]	100	(1.4)	[71.42857]	100	(1.6)	[81.30081]
SW7060 - Arsenic (mg/kg)												
Arsenic	7.3	(0.64)	[161.1317]	7.3	(0.6)	[149.2760]	4.4	(0.29)	[71.63836]	4.6	(0.33)	[83.64001]
SW7421 - Lead (mg/kg)												
Lead	68	(4.8)	[1611.317]	65	(4.5)	[1492.760]	73	(4.3)	[1432.767]	87	(5)	[1672.800]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01 01-SS-05 01-SS-05-01 0 - 0.5	01 01-SS-06 01-SS-06-01 0 - 0.5	01 01-SS-07 01-SS-07-01 0 - 0.5	01 01-SS-07 01-DS-02 Dup of 01-SS-07-01 0 - 0.5
SW7471 - Mercury (mg/kg)				
Mercury	ND	(0.045) [250.8528]	ND	(0.051) [284.8029]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.4) [80.56589]	ND	(0.37) [74.63800]
SW846 - Percent Moisture (%)				
Percent moisture	9.4	() [1]	7.6	() [1]
			1	() [1]
			ND	(0.04) [219.5871]
			ND	(0.36) [71.63836]
			ND	(0.42) [83.64001]
			2	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	01	01	01	01	01	01	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	01-SS-10	01-SS-10-01	01-SS-10-01	01-SS-10-01	01-SS-10-01	01-SS-10-01	04-MW-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	04-MW-01-02
										4 - 5
<hr/>										
SW6010 - Metals (mg/kg)										
Aluminum	6800	(15) [74.07407]	11000	(17) [82.64462]	5700	(15) [73.52941]	10000	(31) [155.0868]		
Antimony	ND	(7.4) [74.07407]	ND	(8.3) [82.64462]	ND	(7.4) [73.52941]	ND	(16) [155.0868]		
Arsenic	ND	(22) [74.07407]	ND	(25) [82.64462]	ND	(22) [73.52941]	ND	(47) [155.0868]		
Barium	120	(0.74) [74.07407]	180	(0.83) [82.64462]	99	(0.74) [73.52941]	180	(1.6) [155.0868]		
Beryllium	0.16	(0.15) [74.07407]	0.26	(0.17) [82.64462]	0.15	(0.15) [73.52941]	ND	(0.31) [155.0868]		
Cadmium	ND	(0.37) [74.07407]	ND	(0.41) [82.64462]	ND	(0.37) [73.52941]	ND	(0.78) [155.0868]		
Calcium	8800	(74) [74.07407]	12000	(83) [82.64462]	4500	(74) [73.52941]	14000	(160) [155.0868]		
Chromium	15	(0.74) [74.07407]	24	(0.83) [82.64462]	12	(0.74) [73.52941]	23	(1.6) [155.0868]		
Cobalt	7.5	(0.74) [74.07407]	12	(0.83) [82.64462]	6.7	(0.74) [73.52941]	12	(1.6) [155.0868]		
Copper	16	(1.5) [74.07407]	27	(1.7) [82.64462]	12	(1.5) [73.52941]	27	(3.1) [155.0868]		
Iron	14000	(3.7) [74.07407]	23000	(4.1) [82.64462]	11000	(3.7) [73.52941]	23000	(7.8) [155.0868]		
Lead	17	(3.7) [74.07407]	7.5	(4.1) [82.64462]	18	(3.7) [73.52941]	15	(7.8) [155.0868]		
Magnesium	4600	(74) [74.07407]	7500	(83) [82.64462]	3100	(74) [73.52941]	7300	(160) [155.0868]		
Manganese	260	(0.74) [74.07407]	410	(0.83) [82.64462]	220	(0.74) [73.52941]	430	(1.6) [155.0868]		
Molybdenum	ND	(3.7) [74.07407]	ND	(4.1) [82.64462]	ND	(3.7) [73.52941]	ND	(7.8) [155.0868]		
Nickel	18	(1.5) [74.07407]	28	(1.7) [82.64462]	14	(1.5) [73.52941]	27	(3.1) [155.0868]		
Potassium	660	(220) [74.07407]	1300	(250) [82.64462]	500	(220) [73.52941]	1100	(470) [155.0868]		
Selenium	ND	(22) [74.07407]	ND	(25) [82.64462]	ND	(22) [73.52941]	ND	(47) [155.0868]		
Silver	ND	(0.74) [74.07407]	ND	(0.83) [82.64462]	ND	(0.74) [73.52941]	ND	(1.6) [155.0868]		
Sodium	210	(74) [74.07407]	340	(83) [82.64462]	160	(74) [73.52941]	330	(160) [155.0868]		
Thallium	ND	(7.4) [74.07407]	ND	(8.3) [82.64462]	ND	(7.4) [73.52941]	ND	(16) [155.0868]		
Vanadium	24	(1.5) [74.07407]	39	(1.7) [82.64462]	23	(1.5) [73.52941]	39	(3.1) [155.0868]		
Zinc	47	(1.5) [74.07407]	68	(1.7) [82.64462]	47	(1.5) [73.52941]	67	(3.1) [155.0868]		
SW7060 - Arsenic (mg/kg)										
Arsenic	7.1	(0.63) [156.4688]	10	(0.66) [165.7138]	4.1	(0.29) [72.24180]	12	(1.1) [279.4388]		
SW7421 - Lead (mg/kg)										
Lead	21	(2.3) [782.3440]	10	(0.99) [331.4276]	18	(2.2) [722.4180]	9.1	(0.83) [278.0867]		

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

SW7471 - Mercury (mg/kg)				
Mercury	ND	ND	ND	(0.076) [424.4482]
SW7740 - Selenium (mg/kg)				
Selenium	ND	ND	ND	(0.7) [139.0433]
SW846 - Percent Moisture (%)				
Percent moisture	6.7	19	3.2	38
	() [1]	() [1]	() [1]	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	04	04	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-02	04-MW-03	04-MW-04	04-MW-02	04-MW-03	04-MW-04	04-MW-02
	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5	5 - 6.5

SW6010 - Metals (mg/kg)										
Aluminum	16000	(25) [124.9999]	14000	(24) [120.4819]	13000	(29) [145.1378]	5400	(17) [83.33333]		
Antimony	ND	(12) [124.9999]	ND	(12) [120.4819]	ND	(15) [145.1378]	ND	(8.3) [83.33333]		
Arsenic	ND	(37) [124.9999]	ND	(36) [120.4819]	ND	(44) [145.1378]	ND	(25) [83.33333]		
Barium	230	(1.2) [124.9999]	220	(1.2) [120.4819]	240	(1.5) [145.1378]	70	(0.83) [83.33333]		
Beryllium	0.38	(0.25) [124.9999]	0.34	(0.24) [120.4819]	ND	(0.29) [145.1378]	ND	(0.17) [83.33333]		
Cadmium	ND	(0.62) [124.9999]	ND	(0.6) [120.4819]	ND	(0.73) [145.1378]	ND	(0.42) [83.33333]		
Calcium	11000	(120) [124.9999]	12000	(120) [120.4819]	15000	(150) [145.1378]	4300	(83) [83.33333]		
Chromium	32	(1.2) [124.9999]	30	(1.2) [120.4819]	28	(1.5) [145.1378]	9.7	(0.83) [83.33333]		
Cobalt	13	(1.2) [124.9999]	13	(1.2) [120.4819]	12	(1.5) [145.1378]	7	(0.83) [83.33333]		
Copper	35	(2.5) [124.9999]	33	(2.4) [120.4819]	40	(2.9) [145.1378]	9.7	(1.7) [83.33333]		
Iron	28000	(6.2) [124.9999]	26000	(6) [120.4819]	26000	(7.3) [145.1378]	11000	(4.2) [83.33333]		
Lead	14	(6.2) [124.9999]	14	(6) [120.4819]	13	(7.3) [145.1378]	ND	(4.2) [83.33333]		
Magnesium	8000	(120) [124.9999]	7800	(120) [120.4819]	8000	(150) [145.1378]	2600	(83) [83.33333]		
Manganese	400	(1.2) [124.9999]	410	(1.2) [120.4819]	410	(1.5) [145.1378]	200	(0.83) [83.33333]		
Molybdenum	ND	(6.2) [124.9999]	ND	(6) [120.4819]	ND	(7.3) [145.1378]	ND	(4.2) [83.33333]		
Nickel	32	(2.5) [124.9999]	31	(2.4) [120.4819]	32	(2.9) [145.1378]	17	(1.7) [83.33333]		
Potassium	1600	(370) [124.9999]	1300	(360) [120.4819]	1100	(440) [145.1378]	320	(250) [83.33333]		
Selenium	ND	(37) [124.9999]	ND	(36) [120.4819]	ND	(44) [145.1378]	ND	(25) [83.33333]		
Silver	ND	(1.2) [124.9999]	ND	(1.2) [120.4819]	ND	(1.5) [145.1378]	ND	(0.83) [83.33333]		
Sodium	500	(120) [124.9999]	410	(120) [120.4819]	380	(150) [145.1378]	ND	(83) [83.33333]		
Thallium	ND	(12) [124.9999]	ND	(12) [120.4819]	ND	(15) [145.1378]	ND	(8.3) [83.33333]		
Vanadium	54	(2.5) [124.9999]	47	(2.4) [120.4819]	44	(2.9) [145.1378]	20	(1.7) [83.33333]		
Zinc	87	(2.5) [124.9999]	81	(2.4) [120.4819]	92	(2.9) [145.1378]	27	(1.7) [83.33333]		
SW7060 - Arsenic (mg/kg)										
Arsenic	14	(0.91) [227.8682]	12	(0.94) [235.2941]	11	(0.74) [185.0652]	4.2	(0.34) [85.02822]		
SW7421 - Lead (mg/kg)										
Lead	8.8	(0.68) [227.8682]	8.2	(0.71) [235.2941]	10	(1.1) [366.7033]	2.7 B	(0.26) [85.02822]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-SD-01
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
SW7471 - Mercury (mg/kg)				
Mercury	0.16	(0.067) [373.1343]	0.15	(0.058) [319.6930]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.57) [113.9341]	ND	(0.59) [117.6470]
SW846 - Percent Moisture (%)				
Percent moisture	33	() [1]	32	() [1]
			47	() [1]
				3.6
				() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	04	04	04	04	04	04	04	04	04	04
	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-DS-01 Dup of 04-SD-02-01	04-SD-03	04-SD-03-01	04-SD-04	04-SD-04	04-SD-04
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)										
Aluminum	12000	(22) [112.3595]	12000	(19) [95.23809]	12000	(23) [114.9425]	14000	(26) [129.8701]		
Antimony	ND	(11) [112.3595]	ND	(9.5) [95.23809]	ND	(11) [114.9425]	ND	(13) [129.8701]		
Arsenic	ND	(34) [112.3595]	ND	(29) [95.23809]	ND	(34) [114.9425]	ND	(39) [129.8701]		
Barium	180	(1.1) [112.3595]	180	(0.95) [95.23809]	190	(1.1) [114.9425]	220	(1.3) [129.8701]		
Beryllium	0.26	(0.22) [112.3595]	0.26	(0.19) [95.23809]	0.3	(0.23) [114.9425]	0.35	(0.26) [129.8701]		
Cadmium	ND	(0.56) [112.3595]	ND	(0.48) [95.23809]	ND	(0.57) [114.9425]	ND	(0.65) [129.8701]		
Calcium	15000	(110) [112.3595]	16000	(95) [95.23809]	15000	(110) [114.9425]	13000	(130) [129.8701]		
Chromium	25	(1.1) [112.3595]	25	(0.95) [95.23809]	25	(1.1) [114.9425]	30	(1.3) [129.8701]		
Cobalt	12	(1.1) [112.3595]	11	(0.95) [95.23809]	12	(1.1) [114.9425]	13	(1.3) [129.8701]		
Copper	26	(2.2) [112.3595]	26	(1.9) [95.23809]	27	(2.3) [114.9425]	31	(2.6) [129.8701]		
Iron	23000	(5.6) [112.3595]	22000	(4.8) [95.23809]	23000	(5.7) [114.9425]	26000	(6.5) [129.8701]		
Lead	6.8	(5.6) [112.3595]	ND	(4.8) [95.23809]	8.5	(5.7) [114.9425]	7.8	(6.5) [129.8701]		
Magnesium	7500	(110) [112.3595]	7900	(95) [95.23809]	7500	(110) [114.9425]	7900	(130) [129.8701]		
Manganese	390	(1.1) [112.3595]	350	(0.95) [95.23809]	430	(1.1) [114.9425]	470	(1.3) [129.8701]		
Molybdenum	ND	(5.6) [112.3595]	ND	(4.8) [95.23809]	ND	(5.7) [114.9425]	ND	(6.5) [129.8701]		
Nickel	27	(2.2) [112.3595]	27	(1.9) [95.23809]	29	(2.3) [114.9425]	32	(2.6) [129.8701]		
Potassium	990	(340) [112.3595]	980	(290) [95.23809]	1200	(340) [114.9425]	1600	(390) [129.8701]		
Selenium	ND	(34) [112.3595]	ND	(29) [95.23809]	ND	(34) [114.9425]	ND	(39) [129.8701]		
Silver	ND	(1.1) [112.3595]	ND	(0.95) [95.23809]	ND	(1.1) [114.9425]	ND	(1.3) [129.8701]		
Sodium	430	(110) [112.3595]	460	(95) [95.23809]	410	(110) [114.9425]	450	(130) [129.8701]		
Thallium	ND	(11) [112.3595]	ND	(9.5) [95.23809]	ND	(11) [114.9425]	ND	(13) [129.8701]		
Vanadium	42	(2.2) [112.3595]	43	(1.9) [95.23809]	42	(2.3) [114.9425]	48	(2.6) [129.8701]		
Zinc	62	(2.2) [112.3595]	64	(1.9) [95.23809]	71	(2.3) [114.9425]	79	(2.6) [129.8701]		
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.79) [198.275]	12	(0.8) [200.5012]	12	(1) [250.4382]	13	(1.1) [268.8172]		
SW7421 - Lead (mg/kg)										
Lead	5.9	(0.3) [99.13750]	7.1	(0.6) [200.5012]	7.8	(0.75) [250.4382]	9.6	(0.81) [268.8172]		

Compiled: 21 March 1995

() = Detection Limit . [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

SW7471 - Mercury (mg/kg)				
Mercury	0.13	(0.049) [270.5627]	0.14	(0.063) [350.8771]
SW7740 - Selenium (mg/kg)			0.16	(0.072) [398.7240]
Selenium	ND	(0.5) [99.13750]	ND	(0.63) [125.2191]
SW846 - Percent Moisture (%)			ND	(0.67) [134.4086]
Percent moisture	23	() [1]	25	() [1]
			34	() [1]
			38	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	04		04		04	
	04-SS-01 04-SS-01-01 0 - 0.5		04-SS-01 Dup of 04-SS-01-01 0 - 0.5		04-SS-02 04-SS-02-01 0 - 0.5	

SW6010 - Metals (mg/kg)						
Aluminum	13000	(29) [147.0588]	NA	14000	(28) [138.8888]	14000
Antimony	ND	(15) [147.0588]	NA	ND	(14) [138.8888]	ND
Arsenic	ND	(44) [147.0588]	NA	ND	(42) [138.8888]	ND
Barium	210	(1.5) [147.0588]	NA	250	(1.4) [138.8888]	190
Beryllium	0.3	(0.29) [147.0588]	NA	0.36	(0.28) [138.8888]	0.31
Cadmium	ND	(0.74) [147.0588]	NA	ND	(0.69) [138.8888]	ND
Calcium	13000	(150) [147.0588]	NA	15000	(140) [138.8888]	11000
Chromium	27	(1.5) [147.0588]	NA	30	(1.4) [138.8888]	29
Cobalt	12	(1.5) [147.0588]	NA	14	(1.4) [138.8888]	13
Copper	37	(2.9) [147.0588]	NA	36	(2.8) [138.8888]	33
Iron	24000	(7.4) [147.0588]	NA	27000	(6.9) [138.8888]	25000
Lead	7.7	(7.4) [147.0588]	NA	8.4	(6.9) [138.8888]	9.5
Magnesium	7500	(150) [147.0588]	NA	8700	(140) [138.8888]	8100
Manganese	440	(1.5) [147.0588]	NA	540	(1.4) [138.8888]	370
Molybdenum	ND	(7.4) [147.0588]	NA	ND	(6.9) [138.8888]	ND
Nickel	31	(2.9) [147.0588]	NA	34	(2.8) [138.8888]	32
Potassium	1200	(440) [147.0588]	NA	1100	(420) [138.8888]	1100
Selenium	ND	(44) [147.0588]	NA	ND	(42) [138.8888]	ND
Silver	ND	(1.5) [147.0588]	NA	ND	(1.4) [138.8888]	ND
Sodium	410	(150) [147.0588]	NA	470	(140) [138.8888]	440
Thallium	ND	(15) [147.0588]	NA	ND	(14) [138.8888]	ND
Vanadium	42	(2.9) [147.0588]	NA	48	(2.8) [138.8888]	47
Zinc	82	(2.9) [147.0588]	NA	74	(2.8) [138.8888]	80
SW7060 - Arsenic (mg/kg)						
Arsenic	12	(1.2) [297.6190]	NA	15	(1) [260.1456]	13
SW7421 - Lead (mg/kg)						
Lead	11	(0.89) [297.6190]	NA	9.2	(0.78) [260.1456]	8.4

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	04-SS-01-01	04-DS-02 Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.2	(0.085) [469.9248]	NA	0.18
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.74) [148.8095]	NA	ND
SW846 - Percent Moisture (%)				
Percent moisture	44	() [1]	41	38
			() [1]	() [1]
			() [1]	() [1]
			() [1]	() [1]
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TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)											

05												
05-MW-01												
05-MW-02												
0 - 0.5												

05												
05-MW-03												
05-MW-02 Dup of 05-MW-03-02												
8 - 12												

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05-MW-03												
05-DS-02 Dup of 05-MW-03-02												
8 - 12												

05												
05-MW-02												
05-MW-02-02												
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05-MW-01												
05-MW-01-02												
0 - 0.5												

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05-MW-02												
05-MW-02-02												
7 - 9												

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05-MW-03												
05-DS-02 Dup of 05-MW-03-02												
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() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-03
	05-MW-01-02	05-MW-02-02	05-MW-03-02	05-DS-02 Dup of 05-MW-03-02
	0 - 0.5	7 - 9	8 - 12	8 - 12
SW7471 - Mercury (mg/kg)				
Mercury	ND	(0.058) [320.5128]	ND	(0.065) [363.3720]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.48) [96.39483]	ND	(0.41) [81.88666]
SW846 - Percent Moisture (%)				
Percent moisture	22	() [1]	14	() [1]
			19	() [1]
			ND	(0.053) [293.9447]
			ND	(0.43) [85.73388]
			ND	(0.43) [86.33341]
			19	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	05	05	05	05	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-MW-01	05-MW-02	05-MW-03	05-MW-04	05-MW-05	05-MW-06	05-MW-07
	8 - 10	5 - 7	7 - 9	2 - 4	7 - 9	5 - 7	7 - 9	2 - 4	7 - 9	2 - 4
SW6010 - Metals (mg/kg)										
Aluminum	10000	(18)	[89.28571]	13000	(21)	[103.0927]	6000	(16)	[81.96721]	11000
Antimony	ND	(8.9)	[89.28571]	ND	(10)	[103.0927]	ND	(8.2)	[81.96721]	ND
Arsenic	ND	(27)	[89.28571]	ND	(31)	[103.0927]	ND	(25)	[81.96721]	ND
Barium	200	(0.89)	[89.28571]	260	(1)	[103.0927]	110	(0.82)	[81.96721]	180
Beryllium	0.21	(0.18)	[89.28571]	0.49	(0.21)	[103.0927]	0.19	(0.16)	[81.96721]	0.21
Cadmium	ND	(0.45)	[89.28571]	0.85	(0.52)	[103.0927]	0.67	(0.41)	[81.96721]	ND
Calcium	15000	(89)	[89.28571]	15000	(100)	[103.0927]	6700	(82)	[81.96721]	15000
Chromium	22	(0.89)	[89.28571]	29	(1)	[103.0927]	12	(0.82)	[81.96721]	23
Cobalt	11	(0.89)	[89.28571]	12	(1)	[103.0927]	6.1	(0.82)	[81.96721]	10
Copper	26	(1.8)	[89.28571]	37	(2.1)	[103.0927]	16	(1.6)	[81.96721]	29
Iron	23000	(4.5)	[89.28571]	26000	(5.2)	[103.0927]	13000	(4.1)	[81.96721]	22000
Lead	26	(4.5)	[89.28571]	15	(5.2)	[103.0927]	8.3	(4.1)	[81.96721]	17
Magnesium	7500	(89)	[89.28571]	9000	(100)	[103.0927]	4100	(82)	[81.96721]	7800
Manganese	430	(0.89)	[89.28571]	460	(1)	[103.0927]	240	(0.82)	[81.96721]	650
Molybdenum	ND	(4.5)	[89.28571]	ND	(5.2)	[103.0927]	ND	(4.1)	[81.96721]	ND
Nickel	27	(1.8)	[89.28571]	34	(2.1)	[103.0927]	17	(1.6)	[81.96721]	28
Potassium	980	(270)	[89.28571]	1400	(310)	[103.0927]	520	(250)	[81.96721]	930
Selenium	ND	(27)	[89.28571]	ND	(31)	[103.0927]	ND	(25)	[81.96721]	ND
Silver	ND	(0.89)	[89.28571]	1.6	(1)	[103.0927]	0.85	(0.82)	[81.96721]	ND
Sodium	290	(89)	[89.28571]	450	(100)	[103.0927]	200	(82)	[81.96721]	350
Thallium	ND	(8.9)	[89.28571]	ND	(10)	[103.0927]	ND	(8.2)	[81.96721]	ND
Vanadium	38	(1.8)	[89.28571]	40	(2.1)	[103.0927]	19	(1.6)	[81.96721]	41
Zinc	68	(1.8)	[89.28571]	97	(2.1)	[103.0927]	38	(1.6)	[81.96721]	66
SW7060 - Arsenic (mg/kg)										
Arsenic	8.8	(0.7)	[176.1804]	8.7	(0.82)	[203.7697]	6.2	(0.64)	[159.2990]	8.8
SW7421 - Lead (mg/kg)										
Lead	24	(1.3)	[427.3504]	12	(1.2)	[394.4773]	5.4	(0.48)	[159.2990]	17

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID	SAMPLE ID				
SW7471 - Mercury (mg/kg)	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-MW-06	05-SB-01	05-SB-01
	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-MW-06-02	05-SB-01-01	05-SB-01-01
	8 - 10	5 - 7	7 - 9	7 - 9	2 - 4	2 - 4
SW7740 - Selenium (mg/kg)	0.12	(0.052) [291.3752]	0.11	(0.058) [320.5128]	0.068 B	(0.056) [308.6419]
	ND	(0.53) [106.8376]	1.1	(0.51) [101.8848]	ND	(0.4) [79.64954]
	22	() [1]	35	() [1]	19	() [1]
					16	() [1]
SW846 - Percent Moisture (%)						

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01
	05-SB-01-02	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-01-03
	5 - 7	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	BEG. DEPTH - END DEPTH (FT.)				
	05	05	05	05	05
	05-SB-01	05-SB-01	05-SB-02	05-SB-02	05-SB-02
	05-SB-01-02	05-SB-01-03	05-SB-02-01	05-SB-02-02	05-SB-02-02
	5 - 7	8 - 10	2 - 4	5 - 7	5 - 7
SW7471 - Mercury (mg/kg)					
Mercury	0.094 B	(0.058) [324.6753]	0.099 B	(0.064) [355.6187]	0.061 B
SW7740 - Selenium (mg/kg)					
Selenium	ND	(0.48) [96.91800]	ND	(0.5) [100.1001]	ND
SW846 - Percent Moisture (%)					
Percent moisture	23	() [1]	26	() [1]	16
			</		

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID													
	LOCATION ID						SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)													
	05						05						05	
	05-SB-02						05-SB-02						05-SB-03	
	05-SB-02-03						05-SB-02-04						05-SB-03-01	
	8 - 10						10 - 12						5 - 7	

SW6010 - Metals (mg/kg)														
Aluminum	7400	(17)	[86.95652]	7000	(15)	[74.62686]	13000	(19)	[93]	12000	(18)	[91.74311]		
Antimony	ND	(8.7)	[86.95652]	ND	(7.5)	[74.62686]	ND	(9.3)	[93]	ND	(9.2)	[91.74311]		
Arsenic	ND	(26)	[86.95652]	ND	(22)	[74.62686]	33	(28)	[93]	28	(28)	[91.74311]		
Barium	130	(0.87)	[86.95652]	110	(0.75)	[74.62686]	190	(0.93)	[93]	260	(0.92)	[91.74311]		
Beryllium	ND	(0.17)	[86.95652]	ND	(0.15)	[74.62686]	0.23	(0.19)	[93]	0.28	(0.18)	[91.74311]		
Cadmium	ND	(0.43)	[86.95652]	ND	(0.37)	[74.62686]	ND	(0.46)	[93]	ND	(0.46)	[91.74311]		
Calcium	12000	(87)	[86.95652]	6200	(75)	[74.62686]	15000	(93)	[93]	17000	(92)	[91.74311]		
Chromium	15	(0.87)	[86.95652]	15	(0.75)	[74.62686]	26	(0.93)	[93]	26	(0.92)	[91.74311]		
Cobalt	7.2	(0.87)	[86.95652]	7	(0.75)	[74.62686]	11	(0.93)	[93]	11	(0.92)	[91.74311]		
Copper	22	(1.7)	[86.95652]	19	(1.5)	[74.62686]	33	(1.9)	[93]	36	(1.8)	[91.74311]		
Iron	16000	(4.3)	[86.95652]	14000	(3.7)	[74.62686]	25000	(4.6)	[93]	27000	(4.6)	[91.74311]		
Lead	ND	(4.3)	[86.95652]	4.6	(3.7)	[74.62686]	ND	(4.6)	[93]	7.8	(4.6)	[91.74311]		
Magnesium	5800	(87)	[86.95652]	4500	(75)	[74.62686]	8200	(93)	[93]	8800	(92)	[91.74311]		
Manganese	280	(0.87)	[86.95652]	300	(0.75)	[74.62686]	430	(0.93)	[93]	510	(0.92)	[91.74311]		
Molybdenum	ND	(4.3)	[86.95652]	ND	(3.7)	[74.62686]	ND	(4.6)	[93]	ND	(4.6)	[91.74311]		
Nickel	22	(1.7)	[86.95652]	21	(1.5)	[74.62686]	30	(1.9)	[93]	34	(1.8)	[91.74311]		
Potassium	540	(260)	[86.95652]	550	(220)	[74.62686]	1100	(280)	[93]	980	(280)	[91.74311]		
Selenium	ND	(26)	[86.95652]	31	(22)	[74.62686]	ND	(28)	[93]	ND	(28)	[91.74311]		
Silver	ND	(0.87)	[86.95652]	ND	(0.75)	[74.62686]	ND	(0.93)	[93]	ND	(0.92)	[91.74311]		
Sodium	260	(87)	[86.95652]	210	(75)	[74.62686]	400	(93)	[93]	330	(92)	[91.74311]		
Thallium	ND	(8.7)	[86.95652]	ND	(7.5)	[74.62686]	ND	(9.3)	[93]	ND	(9.2)	[91.74311]		
Vanadium	29	(1.7)	[86.95652]	30	(1.5)	[74.62686]	44	(1.9)	[93]	43	(1.8)	[91.74311]		
Zinc	46	(1.7)	[86.95652]	41	(1.5)	[74.62686]	72	(1.9)	[93]	87	(1.8)	[91.74311]		
SW7060 - Arsenic (mg/kg)														
Arsenic	5.1	(0.39)	[98.12579]	5.8	(0.63)	[158.5414]	14	(0.83)	[206.3131]	13	(1.5)	[368.0529]		
SW7421 - Lead (mg/kg)														
Lead	5.7	(0.59)	[196.2515]	3.6	(0.24)	[79.27070]	8.4	(1.2)	[397.4562]	8.6	(1.1)	[368.0529]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	LOCATION ID				SAMPLE ID								
	BEG. DEPTH - END DEPTH (FT.)												
SW7471 - Mercury (mg/kg)	0.052 B	ND	(0.052)	[287.6869]	ND	(0.041)	[229.8850]	0.071 B	(0.068)	[375.3753]	ND	(0.066)	[365.4970]
Mercury													
SW7740 - Selenium (mg/kg)													
Selenium	ND	ND	(0.49)	[98.12579]	ND	(0.4)	[79.27070]	ND	(0.52)	[103.1565]	ND	(0.46)	[92.01324]
SW846 - Percent Moisture (%)													
Percent moisture	21	13	()	[1]	13	()	[1]	26	()	[1]	24	()	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	05	05	05	05	05	05	05	05	05	05	05	05
	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03
	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02	05-SB-03-02
	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9
										</		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
05-SB-03	05-SD-01	05-SD-01	05-SD-02	
05-SB-03-02	05-SD-01-01	05-DS-04 Dup of 05-SD-01-01	05-SD-02-01	
7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	

SW7471 - Mercury (mg/kg)				
Mercury	ND	(0.045) [248.0158]	0.06 B	(0.047) [260.7833]
SW7740 - Selenium (mg/kg)			ND	(0.052) [287.6042]
Selenium	ND	(0.37) [73.87706]	0.5	(0.38) [76.06182]
SW846 - Percent Moisture (%)			0.43	(0.35) [70.05744]
Percent moisture	4	() [1]	8.7	() [1]
			8.5	() [1]
			30	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01	05-SS-05-01	05-SS-06-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)										
Aluminum	13000	(17)	[84.0336]	12000	(18)	[91.74311]	13000	(19)	[95.23809]	13000
Antimony	ND	(8.4)	[84.0336]	ND	(9.2)	[91.74311]	ND	(9.5)	[95.23809]	ND
Arsenic	78	(25)	[84.0336]	ND	(28)	[91.74311]	ND	(29)	[95.23809]	ND
Barium	190	(0.84)	[84.0336]	180	(0.92)	[91.74311]	220	(0.95)	[95.23809]	200
Beryllium	0.26	(0.17)	[84.0336]	0.24	(0.18)	[91.74311]	0.27	(0.19)	[95.23809]	0.31
Cadmium	0.51	(0.42)	[84.0336]	0.46	(0.46)	[91.74311]	0.88	(0.48)	[95.23809]	ND
Calcium	14000	(84)	[84.0336]	14000	(92)	[91.74311]	14000	(95)	[95.23809]	14000
Chromium	26	(0.84)	[84.0336]	24	(0.92)	[91.74311]	28	(0.95)	[95.23809]	24
Cobalt	12	(0.84)	[84.0336]	11	(0.92)	[91.74311]	13	(0.95)	[95.23809]	11
Copper	25	(1.7)	[84.0336]	23	(1.8)	[91.74311]	31	(1.9)	[95.23809]	20
Iron	24000	(4.2)	[84.0336]	22000	(4.6)	[91.74311]	26000	(4.8)	[95.23809]	23000
Lead	380	(4.2)	[84.0336]	15	(4.6)	[91.74311]	20	(4.8)	[95.23809]	15
Magnesium	7700	(84)	[84.0336]	7100	(92)	[91.74311]	8200	(95)	[95.23809]	7300
Manganese	400	(0.84)	[84.0336]	380	(0.92)	[91.74311]	510	(0.95)	[95.23809]	470
Molybdenum	ND	(4.2)	[84.0336]	ND	(4.6)	[91.74311]	ND	(4.8)	[95.23809]	ND
Nickel	26	(1.7)	[84.0336]	25	(1.8)	[91.74311]	32	(1.9)	[95.23809]	27
Potassium	1500	(250)	[84.0336]	1500	(280)	[91.74311]	1600	(290)	[95.23809]	1300
Selenium	ND	(25)	[84.0336]	ND	(28)	[91.74311]	ND	(29)	[95.23809]	ND
Silver	ND	(0.84)	[84.0336]	ND	(0.92)	[91.74311]	ND	(0.95)	[95.23809]	ND
Sodium	480	(84)	[84.0336]	390	(92)	[91.74311]	420	(95)	[95.23809]	820
Thallium	ND	(8.4)	[84.0336]	ND	(9.2)	[91.74311]	ND	(9.5)	[95.23809]	ND
Vanadium	48	(1.7)	[84.0336]	43	(1.8)	[91.74311]	47	(1.9)	[95.23809]	43
Zinc	76	(1.7)	[84.0336]	65	(1.8)	[91.74311]	85	(1.9)	[95.23809]	65
SW7060 - Arsenic (mg/kg)										
Arsenic	71	(7.2)	[1796.138]	5.6	(0.39)	[97.21007]	12	(0.74)	[184.0264]	9.7
SW7421 - Lead (mg/kg)										
Lead	480	(27)	[8980.691]	9.3	(1.2)	[388.8402]	15	(1.1)	[368.0529]	15

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04
	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.077 B	(0.066) [367.6470]	0.066 B	(0.046) [257.2016]
			0.1 B	(0.059) [328.9473]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.45) [89.80691]	ND	(0.46) [92.01324]
SW846 - Percent Moisture (%)				
Percent moisture	15	() [1]	19	() [1]
			24	() [1]
			31	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)									
	05		05		05		05		05	
	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-05-01	05-SS-06-01	05-SS-07-01	05-SS-08-01	05-SS-09-01	05-SS-10-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)										
Aluminum	5900	(17) [82.64462]	9400	(16) [80.64516]	6200	(16) [77.51938]	5800	(14) [71.94244]		
Antimony	ND	(8.3) [82.64462]	ND	(8.1) [80.64516]	ND	(7.8) [77.51938]	ND	(7.2) [71.94244]		
Arsenic	ND	(25) [82.64462]	ND	(24) [80.64516]	ND	(23) [77.51938]	ND	(22) [71.94244]		
Barium	81	(0.83) [82.64462]	150	(0.81) [80.64516]	100	(0.78) [77.51938]	98	(0.72) [71.94244]		
Beryllium	0.23	(0.17) [82.64462]	0.18	(0.16) [80.64516]	0.23	(0.16) [77.51938]	0.24	(0.14) [71.94244]		
Cadmium	ND	(0.41) [82.64462]	ND	(0.4) [80.64516]	0.53	(0.39) [77.51938]	0.46	(0.36) [71.94244]		
Calcium	2900	(83) [82.64462]	8900	(81) [80.64516]	5000	(78) [77.51938]	6300	(72) [71.94244]		
Chromium	13	(0.83) [82.64462]	19	(0.81) [80.64516]	14	(0.78) [77.51938]	12	(0.72) [71.94244]		
Cobalt	6.4	(0.83) [82.64462]	8.9	(0.81) [80.64516]	6.5	(0.78) [77.51938]	5.6	(0.72) [71.94244]		
Copper	9.6	(1.7) [82.64462]	14	(1.6) [80.64516]	14	(1.6) [77.51938]	12	(1.4) [71.94244]		
Iron	12000	(4.1) [82.64462]	17000	(4) [80.64516]	13000	(3.9) [77.51938]	12000	(3.6) [71.94244]		
Lead	38	(4.1) [82.64462]	11	(4) [80.64516]	26	(3.9) [77.51938]	6.8	(3.6) [71.94244]		
Magnesium	3300	(83) [82.64462]	5400	(81) [80.64516]	3900	(78) [77.51938]	3900	(72) [71.94244]		
Manganese	170	(0.83) [82.64462]	320	(0.81) [80.64516]	210	(0.78) [77.51938]	280	(0.72) [71.94244]		
Molybdenum	ND	(4.1) [82.64462]	ND	(4) [80.64516]	ND	(3.9) [77.51938]	ND	(3.6) [71.94244]		
Nickel	17	(1.7) [82.64462]	21	(1.6) [80.64516]	17	(1.6) [77.51938]	16	(1.4) [71.94244]		
Potassium	430	(250) [82.64462]	1100	(240) [80.64516]	530	(230) [77.51938]	530	(220) [71.94244]		
Selenium	ND	(25) [82.64462]	ND	(24) [80.64516]	ND	(23) [77.51938]	ND	(22) [71.94244]		
Silver	ND	(0.83) [82.64462]	ND	(0.81) [80.64516]	1	(0.78) [77.51938]	1.1	(0.72) [71.94244]		
Sodium	140	(83) [82.64462]	360	(81) [80.64516]	190	(78) [77.51938]	420	(72) [71.94244]		
Thallium	ND	(8.3) [82.64462]	ND	(8.1) [80.64516]	ND	(7.8) [77.51938]	ND	(7.2) [71.94244]		
Vanadium	19	(1.7) [82.64462]	36	(1.6) [80.64516]	21	(1.6) [77.51938]	18	(1.4) [71.94244]		
Zinc	35	(1.7) [82.64462]	46	(1.6) [80.64516]	41	(1.6) [77.51938]	36	(1.4) [71.94244]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.5	(0.34) [84.10428]	7.4	(0.6) [150.8181]	6.3	(0.59) [148.3129]	6.1	(0.57) [142.7144]		
SW7421 - Lead (mg/kg)										
Lead	25	(2.5) [841.0428]	5.4	(0.45) [150.8181]	25	(2.2) [741.5647]	6.3	(0.86) [285.4288]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID						
	SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)						
	05	05	05	05	05	05	05
	05-SS-05	05-SS-06	05-SS-07	05-SS-08			
	05-SS-05-01	05-SS-06-01	05-SS-07-01	05-SS-08-01			
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5			
SW7471 - Mercury (mg/kg)							
Mercury	0.071 B	(0.058) [320.9242]	0.21	(0.063) [351.1235]	0.073 B	(0.044) [244.3792]	0.062 B (0.04) [221.8278]
SW7740 - Selenium (mg/kg)							
Selenium	ND	(0.42) [84.10428]	ND	(0.38) [75.40909]	ND	(0.37) [74.15647]	0.37 (0.36) [71.35721]
SW846 - Percent Moisture (%)							
Percent moisture	18	() [1]	11	() [1]	7	() [1]	2 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
SW6010 - Metals (mg/kg)	05		05		05		05	
	05-SS-09		05-SS-10		05-SS-11		05-SS-12	
	05-SS-09-01		05-SS-10-01		05-SS-11-01		05-SS-12-01	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Aluminum	9500	(17) [84.74576]	8000	(14) [71.94244]	11000	(15) [76.92307]	8200	(14) [71.42857]
Antimony	ND	(8.5) [84.74576]	15	(7.2) [71.94244]	ND	(7.7) [76.92307]	ND	(7.1) [71.42857]
Arsenic	ND	(25) [84.74576]	ND	(22) [71.94244]	ND	(23) [76.92307]	ND	(21) [71.42857]
Barium	160	(0.85) [84.74576]	130	(0.72) [71.94244]	170	(0.77) [76.92307]	140	(0.71) [71.42857]
Beryllium	0.31	(0.17) [84.74576]	0.26	(0.14) [71.94244]	0.35	(0.15) [76.92307]	0.19	(0.14) [71.42857]
Cadmium	0.79	(0.42) [84.74576]	0.48	(0.36) [71.94244]	ND	(0.38) [76.92307]	ND	(0.36) [71.42857]
Calcium	11000	(85) [84.74576]	22000	(72) [71.94244]	12000	(77) [76.92307]	11000	(71) [71.42857]
Chromium	20	(0.85) [84.74576]	22	(0.72) [71.94244]	22	(0.77) [76.92307]	17	(0.71) [71.42857]
Cobalt	8.6	(0.85) [84.74576]	7.2	(0.72) [71.94244]	9.1	(0.77) [76.92307]	9	(0.71) [71.42857]
Copper	25	(1.7) [84.74576]	21	(1.4) [71.94244]	27	(1.5) [76.92307]	18	(1.4) [71.42857]
Iron	20000	(4.2) [84.74576]	16000	(3.6) [71.94244]	22000	(3.8) [76.92307]	17000	(3.6) [71.42857]
Lead	200	(4.2) [84.74576]	35	(3.6) [71.94244]	120	(3.8) [76.92307]	10	(3.6) [71.42857]
Magnesium	6500	(85) [84.74576]	5200	(72) [71.94244]	7200	(77) [76.92307]	5700	(71) [71.42857]
Manganese	270	(0.85) [84.74576]	260	(0.72) [71.94244]	370	(0.77) [76.92307]	320	(0.71) [71.42857]
Molybdenum	ND	(4.2) [84.74576]	ND	(3.6) [71.94244]	ND	(3.8) [76.92307]	ND	(3.6) [71.42857]
Nickel	24	(1.7) [84.74576]	20	(1.4) [71.94244]	25	(1.5) [76.92307]	21	(1.4) [71.42857]
Potassium	820	(250) [84.74576]	900	(220) [71.94244]	900	(230) [76.92307]	710	(210) [71.42857]
Selenium	ND	(25) [84.74576]	ND	(22) [71.94244]	ND	(23) [76.92307]	ND	(21) [71.42857]
Silver	1.4	(0.85) [84.74576]	0.72	(0.72) [71.94244]	1.4	(0.77) [76.92307]	ND	(0.71) [71.42857]
Sodium	330	(85) [84.74576]	290	(72) [71.94244]	380	(77) [76.92307]	260	(71) [71.42857]
Thallium	ND	(8.5) [84.74576]	ND	(7.2) [71.94244]	ND	(7.7) [76.92307]	ND	(7.1) [71.42857]
Vanadium	29	(1.7) [84.74576]	26	(1.4) [71.94244]	31	(1.5) [76.92307]	29	(1.4) [71.42857]
Zinc	64	(1.7) [84.74576]	68	(1.4) [71.94244]	81	(1.5) [76.92307]	54	(1.4) [71.42857]
SW7060 - Arsenic (mg/kg)	10	(0.64) [160.0640]	17	(1.2) [298.2848]	12	(1.2) [305.0640]	7.7	(0.57) [141.6129]
Arsenic	240	(19) [6402.561]	27	(2.2) [745.7121]	140	(9.2) [3050.640]	24	(2.1) [708.0648]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05		05		05		05	
	05-SS-09 05-SS-09-01 0 - 0.5		05-SS-10 05-SS-10-01 0 - 0.5		05-SS-11 05-SS-11-01 0 - 0.5		05-SS-12 05-SS-12-01 0 - 0.5	
SW7471 - Mercury (mg/kg)								
Mercury	0.077 B	(0.056) [309.5975]	1.8	(0.045) [252.5252]	0.077 B	(0.041) [227.2727]	ND	(0.042) [233.3395]
SW7740 - Selenium (mg/kg)								
Selenium	0.76	(0.4) [80.03201]	0.58	(0.37) [74.57121]	0.85	(0.38) [76.26601]	ND	(0.35) [70.80648]
SW846 - Percent Moisture (%)								
Percent moisture	15	() [1]	10	() [1]	12	() [1]	2.6	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13
	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)								
Aluminum	5200	(15) [75.18796]	6100	(14) [69.44444]	4300	(14) [68.49314]	6300	(15) [76.92307]
Antimony	ND	(7.5) [75.18796]	ND	(6.9) [69.44444]	ND	(6.8) [68.49314]	ND	(7.7) [76.92307]
Arsenic	ND	(23) [75.18796]	ND	(21) [69.44444]	ND	(21) [68.49314]	ND	(23) [76.92307]
Barium	100	(0.75) [75.18796]	92	(0.69) [69.44444]	56	(0.68) [68.49314]	110	(0.77) [76.92307]
Beryllium	ND	(0.15) [75.18796]	ND	(0.14) [69.44444]	0.17	(0.14) [68.49314]	ND	(0.15) [76.92307]
Cadmium	ND	(0.38) [75.18796]	ND	(0.35) [69.44444]	0.35	(0.34) [68.49314]	ND	(0.38) [76.92307]
Calcium	3800	(75) [75.18796]	4300	(69) [69.44444]	2200	(68) [68.49314]	6900	(77) [76.92307]
Chromium	11	(0.75) [75.18796]	12	(0.69) [69.44444]	8.6	(0.68) [68.49314]	14	(0.77) [76.92307]
Cobalt	6.2	(0.75) [75.18796]	6.9	(0.69) [69.44444]	4.9	(0.68) [68.49314]	7.7	(0.77) [76.92307]
Copper	8.6	(1.5) [75.18796]	10	(1.4) [69.44444]	7.7	(1.4) [68.49314]	14	(1.5) [76.92307]
Iron	11000	(3.8) [75.18796]	12000	(3.5) [69.44444]	8900	(3.4) [68.49314]	13000	(3.8) [76.92307]
Lead	20	(3.8) [75.18796]	13	(3.5) [69.44444]	4.4	(3.4) [68.49314]	40	(3.8) [76.92307]
Magnesium	3100	(75) [75.18796]	3300	(69) [69.44444]	2300	(68) [68.49314]	4100	(77) [76.92307]
Manganese	210	(0.75) [75.18796]	220	(0.69) [69.44444]	130	(0.68) [68.49314]	250	(0.77) [76.92307]
Molybdenum	ND	(3.8) [75.18796]	ND	(3.5) [69.44444]	ND	(3.4) [68.49314]	ND	(3.8) [76.92307]
Nickel	15	(1.5) [75.18796]	14	(1.4) [69.44444]	12	(1.4) [68.49314]	16	(1.5) [76.92307]
Potassium	420	(230) [75.18796]	500	(210) [69.44444]	370	(210) [68.49314]	630	(230) [76.92307]
Selenium	ND	(23) [75.18796]	ND	(21) [69.44444]	ND	(21) [68.49314]	ND	(23) [76.92307]
Silver	ND	(0.75) [75.18796]	ND	(0.69) [69.44444]	ND	(0.68) [68.49314]	ND	(0.77) [76.92307]
Sodium	130	(75) [75.18796]	150	(69) [69.44444]	100	(68) [68.49314]	170	(77) [76.92307]
Thallium	ND	(7.5) [75.18796]	ND	(6.9) [69.44444]	ND	(6.8) [68.49314]	ND	(7.7) [76.92307]
Vanadium	22	(1.5) [75.18796]	26	(1.4) [69.44444]	15	(1.4) [68.49314]	25	(1.5) [76.92307]
Zinc	30	(1.5) [75.18796]	31	(1.4) [69.44444]	24	(1.4) [68.49314]	54	(1.5) [76.92307]
SW7060 - Arsenic (mg/kg)								
Arsenic	5.2	(0.56) [139.4972]	5.3	(0.52) [130.7890]	4	(0.31) [76.67770]	6	(0.56) [140.5757]
SW7421 - Lead (mg/kg)								
Lead	12	(0.84) [278.9945]	11	(0.78) [261.5781]	4.8	(0.46) [153.3554]	52	(4.2) [1405.757]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID						
	SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)						
	05	05	05	05	05	05	05
	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-14	05-SS-15	05-SS-15
	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-14-01	05-SS-15-01	05-SS-15-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7471 - Mercury (mg/kg)	0.07 B	(0.055) [305.9975]	0.066 B	(0.054) [297.6190]	0.053 B	(0.04) [220.0316]	ND (0.041) [230.0331]
Mercury							
SW7740 - Selenium (mg/kg)	ND	(0.35) [69.74862]	ND	(0.33) [65.39452]	ND	(0.38) [76.67770]	ND (0.35) [70.28789]
Selenium							
SW846 - Percent Moisture (%)	1.8	() [1]	1.6	() [1]	1.2	() [1]	1.2 () [1]
Percent moisture							

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				BEG. DEPTH - END DEPTH (FT.)							
	SAMPLE ID											
	06	06	06	06	06	06	06	06	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-MW-02	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02
	8 - 10	3 - 5	4 - 7	4 - 7	3 - 5	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7

SW6010 - Metals (mg/kg)												
Aluminum	9800	(20)	[98.03921]	9100	(16)	[80.64516]	7200	(17)	[85.47008]	7400	(18)	[90.09008]
Antimony	ND	(9.8)	[98.03921]	ND	(8.1)	[80.64516]	ND	(8.5)	[85.47008]	ND	(9)	[90.09008]
Arsenic	ND	(29)	[98.03921]	ND	(24)	[80.64516]	ND	(26)	[85.47008]	ND	(27)	[90.09008]
Barium	190	(0.98)	[98.03921]	160	(0.81)	[80.64516]	130	(0.85)	[85.47008]	130	(0.9)	[90.09008]
Beryllium	0.26	(0.2)	[98.03921]	0.21	(0.16)	[80.64516]	0.19	(0.17)	[85.47008]	0.2	(0.18)	[90.09008]
Cadmium	ND	(0.49)	[98.03921]	ND	(0.4)	[80.64516]	ND	(0.43)	[85.47008]	ND	(0.45)	[90.09008]
Calcium	15000	(98)	[98.03921]	13000	(81)	[80.64516]	6900	(85)	[85.47008]	8500	(90)	[90.09008]
Chromium	21	(0.98)	[98.03921]	20	(0.81)	[80.64516]	17	(0.85)	[85.47008]	16	(0.9)	[90.09008]
Cobalt	9.9	(0.98)	[98.03921]	9.1	(0.81)	[80.64516]	7.7	(0.85)	[85.47008]	7.9	(0.9)	[90.09008]
Copper	28	(2)	[98.03921]	28	(1.6)	[80.64516]	33	(1.7)	[85.47008]	24	(1.8)	[90.09008]
Iron	22000	(4.9)	[98.03921]	20000	(4)	[80.64516]	15000	(4.3)	[85.47008]	16000	(4.5)	[90.09008]
Lead	ND	(4.9)	[98.03921]	7.9	(4)	[80.64516]	9.8	(4.3)	[85.47008]	6.9	(4.5)	[90.09008]
Magnesium	7300	(98)	[98.03921]	6500	(81)	[80.64516]	4600	(85)	[85.47008]	4900	(90)	[90.09008]
Manganese	480	(0.98)	[98.03921]	370	(0.81)	[80.64516]	270	(0.85)	[85.47008]	290	(0.9)	[90.09008]
Molybdenum	ND	(4.9)	[98.03921]	ND	(4)	[80.64516]	ND	(4.3)	[85.47008]	ND	(4.5)	[90.09008]
Nickel	29	(2)	[98.03921]	24	(1.6)	[80.64516]	18	(1.7)	[85.47008]	19	(1.8)	[90.09008]
Potassium	930	(290)	[98.03921]	820	(240)	[80.64516]	710	(260)	[85.47008]	700	(270)	[90.09008]
Selenium	ND	(29)	[98.03921]	ND	(24)	[80.64516]	ND	(26)	[85.47008]	ND	(27)	[90.09008]
Silver	ND	(0.98)	[98.03921]	ND	(0.81)	[80.64516]	ND	(0.85)	[85.47008]	ND	(0.9)	[90.09008]
Sodium	300	(98)	[98.03921]	300	(81)	[80.64516]	210	(85)	[85.47008]	240	(90)	[90.09008]
Thallium	ND	(9.8)	[98.03921]	ND	(8.1)	[80.64516]	ND	(8.5)	[85.47008]	ND	(9)	[90.09008]
Vanadium	36	(2)	[98.03921]	35	(1.6)	[80.64516]	27	(1.7)	[85.47008]	28	(1.8)	[90.09008]
Zinc	68	(2)	[98.03921]	60	(1.6)	[80.64516]	70	(1.7)	[85.47008]	59	(1.8)	[90.09008]
SW7060 - Arsenic (mg/kg)												
Arsenic	9.3	(0.73)	[182.5483]	8.2	(0.68)	[168.8618]	7.5	(0.78)	[195.2934]	7.9	(0.71)	[178.5714]
SW7421 - Lead (mg/kg)												
Lead	8.1	(1.1)	[365.0967]	6.7	(0.88)	[293.3691]	12	(1.1)	[380.6985]	14	(1.1)	[357.1428]

Compiled: 21 March 1995

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	06	06	06	06	06	06	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12

SW6010 - Metals (mg/kg)										
Aluminum	12000	(17) [86.95652]	9100	(19) [95.23809]	8700	(20)	[100]	9900	(18) [87.71929]	
Antimony	ND	(8.7) [86.95652]	ND	(9.5) [95.23809]	ND	(10)	[100]	ND	(8.8) [87.71929]	
Arsenic	ND	(26) [86.95652]	ND	(29) [95.23809]	ND	(30)	[100]	ND	(26) [87.71929]	
Barium	230	(0.87) [86.95652]	170	(0.95) [95.23809]	160	(1)	[100]	200	(0.88) [87.71929]	
Beryllium	0.31	(0.17) [86.95652]	0.29	(0.19) [95.23809]	0.24	(0.2)	[100]	0.31	(0.18) [87.71929]	
Cadmium	ND	(0.43) [86.95652]	ND	(0.48) [95.23809]	ND	(0.5)	[100]	ND	(0.44) [87.71929]	
Calcium	17000	(87) [86.95652]	11000	(95) [95.23809]	12000	(100)	[100]	15000	(88) [87.71929]	
Chromium	25	(0.87) [86.95652]	20	(0.95) [95.23809]	19	(1)	[100]	22	(0.88) [87.71929]	
Cobalt	11	(0.87) [86.95652]	8.8	(0.95) [95.23809]	9	(1)	[100]	9	(0.88) [87.71929]	
Copper	33	(1.7) [86.95652]	26	(1.9) [95.23809]	29	(2)	[100]	39	(1.8) [87.71929]	
Iron	26000	(4.3) [86.95652]	20000	(4.8) [95.23809]	20000	(5)	[100]	22000	(4.4) [87.71929]	
Lead	ND	(4.3) [86.95652]	6.9	(4.8) [95.23809]	ND	(5)	[100]	5.1	(4.4) [87.71929]	
Magnesium	8700	(87) [86.95652]	6200	(95) [95.23809]	6000	(100)	[100]	7300	(88) [87.71929]	
Manganese	500	(0.87) [86.95652]	310	(0.95) [95.23809]	310	(1)	[100]	370	(0.88) [87.71929]	
Molybdenum	ND	(4.3) [86.95652]	ND	(4.8) [95.23809]	ND	(5)	[100]	ND	(4.4) [87.71929]	
Nickel	31	(1.7) [86.95652]	26	(1.9) [95.23809]	24	(2)	[100]	32	(1.8) [87.71929]	
Potassium	980	(260) [86.95652]	850	(290) [95.23809]	820	(300)	[100]	860	(260) [87.71929]	
Selenium	ND	(26) [86.95652]	ND	(29) [95.23809]	ND	(30)	[100]	ND	(26) [87.71929]	
Silver	ND	(0.87) [86.95652]	ND	(0.95) [95.23809]	ND	(1)	[100]	ND	(0.88) [87.71929]	
Sodium	410	(87) [86.95652]	280	(95) [95.23809]	260	(100)	[100]	260	(88) [87.71929]	
Thallium	ND	(8.7) [86.95652]	ND	(9.5) [95.23809]	ND	(10)	[100]	ND	(8.8) [87.71929]	
Vanadium	43	(1.7) [86.95652]	31	(1.9) [95.23809]	31	(2)	[100]	35	(1.8) [87.71929]	
Zinc	80	(1.7) [86.95652]	65	(1.9) [95.23809]	63	(2)	[100]	73	(1.8) [87.71929]	
SW7060 - Arsenic (mg/kg)										
Arsenic	12	(0.85) [212.2241]	8.6	(0.78) [193.8360]	15	(1.6)	[390.5868]	10	(0.72) [178.9709]	
SW7421 - Lead (mg/kg)										
Lead	9.2	(1.3) [424.4482]	9.5	(1.2) [387.6720]	11	(1.2)	[390.5868]	9.3	(1.1) [357.9418]	

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 21 May 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)															
	06				06											
SW6010 - Metals (mg/kg)	06-SB-02				06-SB-02				06-SD-01				06-SD-02			
	06-SB-02-01				06-SB-02-02				06-SD-01-01				06-SD-02-01			
	2 - 4				5 - 7				0 - 0.5				0 - 0.5			
	-----				-----				-----				-----			
Aluminum	4600	(16)	[80.64516]	9600	(17)	[86.20689]	11000	(18)	[88.49557]	8200	(18)	[91.74311]				
Antimony	ND	(8.1)	[80.64516]	ND	(8.6)	[86.20689]	ND	(8.8)	[88.49557]	ND	(9.2)	[91.74311]				
Arsenic	ND	(24)	[80.64516]	ND	(26)	[86.20689]	ND	(27)	[88.49557]	ND	(28)	[91.74311]				
Barium	66	(0.81)	[80.64516]	160	(0.86)	[86.20689]	200	(0.88)	[88.49557]	160	(0.92)	[91.74311]				
Beryllium	ND	(0.16)	[80.64516]	0.23	(0.17)	[86.20689]	0.28	(0.18)	[88.49557]	0.21	(0.18)	[91.74311]				
Cadmium	ND	(0.4)	[80.64516]	ND	(0.43)	[86.20689]	ND	(0.44)	[88.49557]	ND	(0.46)	[91.74311]				
Calcium	2800	(81)	[80.64516]	11000	(86)	[86.20689]	15000	(88)	[88.49557]	9900	(92)	[91.74311]				
Chromium	12	(0.81)	[80.64516]	20	(0.86)	[86.20689]	24	(0.88)	[88.49557]	18	(0.92)	[91.74311]				
Cobalt	5.9	(0.81)	[80.64516]	8.7	(0.86)	[86.20689]	13	(0.88)	[88.49557]	10	(0.92)	[91.74311]				
Copper	8.6	(1.6)	[80.64516]	26	(1.7)	[86.20689]	31	(1.8)	[88.49557]	21	(1.8)	[91.74311]				
Iron	9600	(4)	[80.64516]	20000	(4.3)	[86.20689]	23000	(4.4)	[88.49557]	18000	(4.6)	[91.74311]				
Lead	ND	(4)	[80.64516]	ND	(4.3)	[86.20689]	9.5	(4.4)	[88.49557]	9.9	(4.6)	[91.74311]				
Magnesium	2700	(81)	[80.64516]	6400	(86)	[86.20689]	7800	(88)	[88.49557]	6000	(92)	[91.74311]				
Manganese	180	(0.81)	[80.64516]	340	(0.86)	[86.20689]	440	(0.88)	[88.49557]	360	(0.92)	[91.74311]				
Molybdenum	ND	(4)	[80.64516]	ND	(4.3)	[86.20689]	ND	(4.4)	[88.49557]	ND	(4.6)	[91.74311]				
Nickel	13	(1.6)	[80.64516]	24	(1.7)	[86.20689]	30	(1.8)	[88.49557]	23	(1.8)	[91.74311]				
Potassium	430	(240)	[80.64516]	820	(260)	[86.20689]	930	(270)	[88.49557]	740	(280)	[91.74311]				
Selenium	ND	(24)	[80.64516]	31	(26)	[86.20689]	ND	(27)	[88.49557]	ND	(28)	[91.74311]				
Silver	ND	(0.81)	[80.64516]	ND	(0.86)	[86.20689]	ND	(0.88)	[88.49557]	ND	(0.92)	[91.74311]				
Sodium	100	(81)	[80.64516]	260	(86)	[86.20689]	320	(88)	[88.49557]	260	(92)	[91.74311]				
Thallium	ND	(8.1)	[80.64516]	ND	(8.6)	[86.20689]	ND	(8.8)	[88.49557]	ND	(9.2)	[91.74311]				
Vanadium	19	(1.6)	[80.64516]	34	(1.7)	[86.20689]	38	(1.8)	[88.49557]	29	(1.8)	[91.74311]				
Zinc	25	(1.6)	[80.64516]	63	(1.7)	[86.20689]	86	(1.8)	[88.49557]	66	(1.8)	[91.74311]				
SW7060 - Arsenic (mg/kg)	4.2	(0.56)	[139.2573]	8.7	(0.85)	[213.3333]	11	(0.73)	[182.4817]	8.7	(0.72)	[180.2288]				
Arsenic	5.5	(0.84)	[278.5146]	9.2	(1.2)	[405.0632]	12	(1.1)	[364.9635]	10	(1.1)	[374.1114]				
SW7421 - Lead (mg/kg)																
Lead																

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID				
	SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)				
	06	06	06	06	
	06-SB-02	06-SB-02	06-SD-01	06-SD-02	
	06-SB-02-01	06-SB-02-02	06-SD-01-01	06-SD-02-01	
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	
SW7471 - Mercury (mg/kg)					
Mercury	ND	0.056 B	ND	0.074 B	(0.065) [363.1082]
SW7740 - Selenium (mg/kg)					
Selenium	0.69	1.9	ND	ND	(0.45) [90.11444]
SW846 - Percent Moisture (%)					
Percent moisture	2.8	21	20	19	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	06		06		06		06		06	
	06-SS-01		06-SS-02		06-SS-03		06-SS-04		06-SS-05	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
SW6010 - Metals (mg/kg)										
Aluminum	6200	(15) [74.07407]	6600	(14) [69.44444]	6000	(15) [76.92307]	5000	(15) [76.33588]		
Antimony	ND	(7.4) [74.07407]	ND	(6.9) [69.44444]	ND	(7.7) [76.92307]	ND	(7.6) [76.33588]		
Arsenic	ND	(22) [74.07407]	ND	(21) [69.44444]	ND	(23) [76.92307]	ND	(23) [76.33588]		
Barium	130	(0.74) [74.07407]	100	(0.69) [69.44444]	100	(0.77) [76.92307]	86	(0.76) [76.33588]		
Beryllium	0.16	(0.15) [74.07407]	0.15	(0.14) [69.44444]	ND	(0.15) [76.92307]	ND	(0.15) [76.33588]		
Cadmium	0.41	(0.37) [74.07407]	0.41	(0.35) [69.44444]	0.47	(0.38) [76.92307]	ND	(0.38) [76.33588]		
Calcium	4500	(74) [74.07407]	5900	(69) [69.44444]	4300	(77) [76.92307]	2700	(76) [76.33588]		
Chromium	14	(0.74) [74.07407]	15	(0.69) [69.44444]	18	(0.77) [76.92307]	10	(0.76) [76.33588]		
Cobalt	7.8	(0.74) [74.07407]	6.5	(0.69) [69.44444]	6.5	(0.77) [76.92307]	5.8	(0.76) [76.33588]		
Copper	41	(1.5) [74.07407]	13	(1.4) [69.44444]	14	(1.5) [76.92307]	7.6	(1.5) [76.33588]		
Iron	14000	(3.7) [74.07407]	12000	(3.5) [69.44444]	11000	(3.8) [76.92307]	10000	(3.8) [76.33588]		
Lead	32	(3.7) [74.07407]	13	(3.5) [69.44444]	15	(3.8) [76.92307]	27	(3.8) [76.33588]		
Magnesium	3400	(74) [74.07407]	3500	(69) [69.44444]	3600	(77) [76.92307]	2900	(76) [76.33588]		
Manganese	270	(0.74) [74.07407]	210	(0.69) [69.44444]	220	(0.77) [76.92307]	170	(0.76) [76.33588]		
Molybdenum	ND	(3.7) [74.07407]	ND	(3.5) [69.44444]	ND	(3.8) [76.92307]	ND	(3.8) [76.33588]		
Nickel	17	(1.5) [74.07407]	16	(1.4) [69.44444]	16	(1.5) [76.92307]	14	(1.5) [76.33588]		
Potassium	670	(220) [74.07407]	680	(210) [69.44444]	620	(230) [76.92307]	310	(230) [76.33588]		
Selenium	ND	(22) [74.07407]	ND	(21) [69.44444]	ND	(23) [76.92307]	ND	(23) [76.33588]		
Silver	ND	(0.74) [74.07407]	ND	(0.69) [69.44444]	ND	(0.77) [76.92307]	ND	(0.76) [76.33588]		
Sodium	180	(74) [74.07407]	210	(69) [69.44444]	170	(77) [76.92307]	83	(76) [76.33588]		
Thallium	ND	(7.4) [74.07407]	ND	(6.9) [69.44444]	ND	(7.7) [76.92307]	ND	(7.6) [76.33588]		
Vanadium	25	(1.5) [74.07407]	26	(1.4) [69.44444]	22	(1.5) [76.92307]	20	(1.5) [76.33588]		
Zinc	220	(1.5) [74.07407]	54	(1.4) [69.44444]	54	(1.5) [76.92307]	39	(1.5) [76.33588]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.3	(0.28) [69.7107]	6.3	(0.66) [164.5846]	7.1	(0.59) [148.6414]	2.8	(0.3) [74.63466]		
SW7421 - Lead (mg/kg)										
Lead	25	(2.1) [697.107]	14	(0.99) [329.1693]	17	(0.89) [297.2828]	29	(2.3) [754.8366]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID						
	SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)						
	06	06	06	06	06	06	
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06-SS-04-01	06-SS-04-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
SW7471 - Mercury (mg/kg)	0.046 B	(0.04) [220.0316]	0.051 B	(0.04) [221.3760]	0.057 B	(0.037) [203.2520]	ND (0.046) [255.6237]
Mercury							
SW7740 - Selenium (mg/kg)	ND	(0.35) [69.7107]	ND	(0.41) [82.29233]	ND	(0.37) [74.32070]	ND (0.37) [74.63466]
Selenium							
SW846 - Percent Moisture (%)	5	() [1]	5.8	() [1]	3.2	() [1]	() [1]
Percent moisture							

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	06		06		06		07		07			
	06-SS-05		06-SS-06		06-SS-06-01		07-MW-01		07-MW-02			
	06-SS-05-01		06-SS-06-01		06-SS-06-01		07-MW-01-02		07-MW-02-02			
	0 - 0.5		0 - 0.5		0 - 0.5		5 - 6.5		2 - 4			

SW6010 - Metals (mg/kg)												
Aluminum	4600	(17)	[82.64462]	3800	(16)	[77.51938]	11000	(20)	[98.03921]	7900	(21)	[104.1666]
Antimony	ND	(8.3)	[82.64462]	ND	(7.8)	[77.51938]	ND	(9.8)	[98.03921]	ND	(10)	[104.1666]
Arsenic	ND	(25)	[82.64462]	ND	(23)	[77.51938]	ND	(29)	[98.03921]	ND	(31)	[104.1666]
Barium	66	(0.83)	[82.64462]	63	(0.78)	[77.51938]	350	(0.98)	[98.03921]	190	(1)	[104.1666]
Beryllium	ND	(0.17)	[82.64462]	ND	(0.16)	[77.51938]	0.38	(0.2)	[98.03921]	0.23	(0.21)	[104.1666]
Cadmium	ND	(0.41)	[82.64462]	0.51	(0.39)	[77.51938]	ND	(0.49)	[98.03921]	ND	(0.52)	[104.1666]
Calcium	2800	(83)	[82.64462]	2000	(78)	[77.51938]	16000	(98)	[98.03921]	13000	(100)	[104.1666]
Chromium	9.7	(0.83)	[82.64462]	7.8	(0.78)	[77.51938]	22	(0.98)	[98.03921]	19	(1)	[104.1666]
Cobalt	5	(0.83)	[82.64462]	4.8	(0.78)	[77.51938]	12	(0.98)	[98.03921]	7.9	(1)	[104.1666]
Copper	11	(1.7)	[82.64462]	7.3	(1.6)	[77.51938]	29	(2)	[98.03921]	20	(2.1)	[104.1666]
Iron	11000	(4.1)	[82.64462]	9100	(3.9)	[77.51938]	24000	(4.9)	[98.03921]	16000	(5.2)	[104.1666]
Lead	12	(4.1)	[82.64462]	8.9	(3.9)	[77.51938]	10	(4.9)	[98.03921]	ND	(5.2)	[104.1666]
Magnesium	2700	(83)	[82.64462]	2200	(78)	[77.51938]	8300	(98)	[98.03921]	5200	(100)	[104.1666]
Manganese	190	(0.83)	[82.64462]	150	(0.78)	[77.51938]	310	(0.98)	[98.03921]	240	(1)	[104.1666]
Molybdenum	ND	(4.1)	[82.64462]	ND	(3.9)	[77.51938]	ND	(4.9)	[98.03921]	ND	(5.2)	[104.1666]
Nickel	14	(1.7)	[82.64462]	11	(1.6)	[77.51938]	28	(2)	[98.03921]	21	(2.1)	[104.1666]
Potassium	350	(250)	[82.64462]	330	(230)	[77.51938]	1500	(290)	[98.03921]	770	(310)	[104.1666]
Selenium	ND	(25)	[82.64462]	ND	(23)	[77.51938]	ND	(29)	[98.03921]	ND	(31)	[104.1666]
Silver	ND	(0.83)	[82.64462]	ND	(0.78)	[77.51938]	ND	(0.98)	[98.03921]	ND	(1)	[104.1666]
Sodium	110	(83)	[82.64462]	86	(78)	[77.51938]	280	(98)	[98.03921]	450	(100)	[104.1666]
Thallium	ND	(8.3)	[82.64462]	ND	(7.8)	[77.51938]	ND	(9.8)	[98.03921]	ND	(10)	[104.1666]
Vanadium	19	(1.7)	[82.64462]	16	(1.6)	[77.51938]	45	(2)	[98.03921]	30	(2.1)	[104.1666]
Zinc	36	(1.7)	[82.64462]	51	(1.6)	[77.51938]	89	(2)	[98.03921]	56	(2.1)	[104.1666]
SW7060 - Arsenic (mg/kg)												
Arsenic	3.2	(0.3)	[74.78760]	4.2	(0.29)	[72.09285]	13	(1)	[253.2928]	5.9	(0.39)	[98.61932]
SW7421 - Lead (mg/kg)												
Lead	13	(0.9)	[299.1504]	9.1	(0.87)	[288.3714]	11	(1.5)	[506.5856]	8.9	(1.2)	[394.4773]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
							07	07	07	07
	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03
	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3
	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02
	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3
	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04	07-MW-04
	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12
	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01
	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
SW6010 - Metals (mg/kg)										
Aluminum	9600	(20) [102.0408]	8500	(17) [84.0336]	10000	(16) [81.96721]	8900	(17) [84.0336]		
Antimony	ND	(10) [102.0408]	ND	(8.4) [84.0336]	ND	(8.2) [81.96721]	ND	(8.4) [84.0336]		
Arsenic	ND	(31) [102.0408]	ND	(25) [84.0336]	ND	(25) [81.96721]	ND	(25) [84.0336]		
Barium	270	(1) [102.0408]	240	(0.84) [84.0336]	250	(0.82) [81.96721]	240	(0.84) [84.0336]		
Beryllium	0.27	(0.2) [102.0408]	0.25	(0.17) [84.0336]	0.25	(0.16) [81.96721]	0.24	(0.17) [84.0336]		
Cadmium	ND	(0.51) [102.0408]	ND	(0.42) [84.0336]	ND	(0.41) [81.96721]	ND	(0.42) [84.0336]		
Calcium	13000	(100) [102.0408]	9900	(84) [84.0336]	6500	(82) [81.96721]	6900	(84) [84.0336]		
Chromium	20	(1) [102.0408]	18	(0.84) [84.0336]	21	(0.82) [81.96721]	19	(0.84) [84.0336]		
Cobalt	9.7	(1) [102.0408]	7.7	(0.84) [84.0336]	9.6	(0.82) [81.96721]	9.9	(0.84) [84.0336]		
Copper	24	(2) [102.0408]	23	(1.7) [84.0336]	21	(1.6) [81.96721]	23	(1.7) [84.0336]		
Iron	19000	(5.1) [102.0408]	17000	(4.2) [84.0336]	20000	(4.1) [81.96721]	18000	(4.2) [84.0336]		
Lead	ND	(5.1) [102.0408]	ND	(4.2) [84.0336]	14	(4.1) [81.96721]	ND	(4.2) [84.0336]		
Magnesium	5600	(100) [102.0408]	4800	(84) [84.0336]	4100	(82) [81.96721]	5000	(84) [84.0336]		
Manganese	380	(1) [102.0408]	240	(0.84) [84.0336]	230	(0.82) [81.96721]	220	(0.84) [84.0336]		
Molybdenum	ND	(5.1) [102.0408]	ND	(4.2) [84.0336]	ND	(4.1) [81.96721]	ND	(4.2) [84.0336]		
Nickel	24	(2) [102.0408]	20	(1.7) [84.0336]	22	(1.6) [81.96721]	25	(1.7) [84.0336]		
Potassium	1100	(310) [102.0408]	620	(250) [84.0336]	720	(250) [81.96721]	920	(250) [84.0336]		
Selenium	ND	(31) [102.0408]	ND	(25) [84.0336]	ND	(25) [81.96721]	ND	(25) [84.0336]		
Silver	ND	(1) [102.0408]	ND	(0.84) [84.0336]	ND	(0.82) [81.96721]	ND	(0.84) [84.0336]		
Sodium	180	(100) [102.0408]	150	(84) [84.0336]	160	(82) [81.96721]	370	(84) [84.0336]		
Thallium	ND	(10) [102.0408]	ND	(8.4) [84.0336]	ND	(8.2) [81.96721]	ND	(8.4) [84.0336]		
Vanadium	35	(2) [102.0408]	31	(1.7) [84.0336]	37	(1.6) [81.96721]	33	(1.7) [84.0336]		
Zinc	58	(2) [102.0408]	48	(1.7) [84.0336]	56	(1.6) [81.96721]	58	(1.7) [84.0336]		
SW7060 - Arsenic (mg/kg)										
Arsenic	8.2	(0.88) [218.9381]	7.3	(0.7) [175.8241]	9	(0.66) [165.3849]	14	(1.1) [285.4288]		
SW7421 - Lead (mg/kg)										
Lead	6.7	(0.66) [218.9381]	7.1	(1.1) [351.6483]	11	(0.99) [330.7698]	8.4	(0.86) [285.4288]		

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-MW-03	07-MW-03	07-MW-04	07-SB-01
	07-MW-03-02	07-DS-01 Dup of 07-MW-03-02	07-MW-04-02	07-SB-01-01
	1.5 - 3	1.5 - 3	10 - 12	3 - 5
SW7471 - Mercury (mg/kg)				
Mercury	0.15	(0.079) [440.9171]	0.11	(0.055) [307.6923]
			0.1 B	(0.047) [261.2330]
SW7740 - Selenium (mg/kg)				
Selenium	0.61	(0.55) [109.4690]	ND	(0.41) [82.69246]
SW846 - Percent Moisture (%)				
Percent moisture	37	() [1]	35	() [1]
			13	() [1]
			23	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	07	07	07	07	07	07	07	07	07	07
	07-SB-02	07-SB-03	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01	07-SB-01
	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5

SW6010 - Metals (mg/kg)										
Aluminum	9600	(16) [81.30081]	9000	(18) [89.28571]	7900	(16) [79.36507]	7500	(15) [74.62686]		
Antimony	ND	(8.1) [81.30081]	ND	(8.9) [89.28571]	ND	(7.9) [79.36507]	ND	(7.5) [74.62686]		
Arsenic	ND	(24) [81.30081]	ND	(27) [89.28571]	ND	(24) [79.36507]	ND	(22) [74.62686]		
Barium	180	(0.81) [81.30081]	250	(0.89) [89.28571]	260	(0.79) [79.36507]	230	(0.75) [74.62686]		
Beryllium	0.26	(0.16) [81.30081]	0.27	(0.18) [89.28571]	0.2	(0.16) [79.36507]	0.18	(0.15) [74.62686]		
Cadmium	ND	(0.41) [81.30081]	ND	(0.45) [89.28571]	0.53	(0.4) [79.36507]	0.47	(0.37) [74.62686]		
Calcium	9500	(81) [81.30081]	8300	(89) [89.28571]	19000	(79) [79.36507]	15000	(75) [74.62686]		
Chromium	21	(0.81) [81.30081]	20	(0.89) [89.28571]	17	(0.79) [79.36507]	17	(0.75) [74.62686]		
Cobalt	6.8	(0.81) [81.30081]	9.1	(0.89) [89.28571]	9	(0.79) [79.36507]	7.8	(0.75) [74.62686]		
Copper	19	(1.6) [81.30081]	24	(1.8) [89.28571]	25	(1.6) [79.36507]	28	(1.5) [74.62686]		
Iron	15000	(4.1) [81.30081]	19000	(4.5) [89.28571]	22000	(4) [79.36507]	19000	(3.7) [74.62686]		
Lead	8.2	(4.1) [81.30081]	7.4	(4.5) [89.28571]	16	(4) [79.36507]	13	(3.7) [74.62686]		
Magnesium	4700	(81) [81.30081]	5100	(89) [89.28571]	5000	(79) [79.36507]	4800	(75) [74.62686]		
Manganese	200	(0.81) [81.30081]	230	(0.89) [89.28571]	500	(0.79) [79.36507]	380	(0.75) [74.62686]		
Molybdenum	ND	(4.1) [81.30081]	ND	(4.5) [89.28571]	ND	(4) [79.36507]	ND	(3.7) [74.62686]		
Nickel	19	(1.6) [81.30081]	23	(1.8) [89.28571]	21	(1.6) [79.36507]	21	(1.5) [74.62686]		
Potassium	720	(240) [81.30081]	820	(270) [89.28571]	860	(240) [79.36507]	820	(220) [74.62686]		
Selenium	ND	(24) [81.30081]	ND	(27) [89.28571]	ND	(24) [79.36507]	ND	(22) [74.62686]		
Silver	ND	(0.81) [81.30081]	ND	(0.89) [89.28571]	ND	(0.79) [79.36507]	ND	(0.75) [74.62686]		
Sodium	970	(81) [81.30081]	190	(89) [89.28571]	500	(79) [79.36507]	470	(75) [74.62686]		
Thallium	ND	(8.1) [81.30081]	ND	(8.9) [89.28571]	ND	(7.9) [79.36507]	ND	(7.5) [74.62686]		
Vanadium	36	(1.6) [81.30081]	33	(1.8) [89.28571]	28	(1.6) [79.36507]	27	(1.5) [74.62686]		
Zinc	68	(1.6) [81.30081]	64	(1.8) [89.28571]	73	(1.6) [79.36507]	71	(1.5) [74.62686]		
SW7060 - Arsenic (mg/kg)										
Arsenic	7.2	(0.72) [179.8237]	9	(0.64) [158.9825]	12	(1.3) [318.2939]	9.2	(0.6) [149.7118]		
SW7421 - Lead (mg/kg)										
Lead	8.6	(1.1) [359.6475]	8.1	(0.95) [317.9650]	16	(0.95) [318.2939]	14	(0.9) [299.4236]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

SW7471 - Mercury (mg/kg)				
Mercury	0.16	(0.071) [392.7729]	0.11	(0.049) [270.2702]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.45) [89.91188]	ND	(0.4) [79.49125]
SW846 - Percent Moisture (%)				
Percent moisture	33	() [1]	26	() [1]
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TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	07	07	07	07	07	07	07	07	07	07
	07-SD-02	07-SS-01	07-SS-01	07-SS-01	07-SS-01-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	07-SD-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW6010 - Metals (mg/kg)										
Aluminum	3100	(67) [333.0003]	5100	(18) [87.79631]	5300	(19) [93.02325]	3100	(120) [586.5102]		
Antimony	ND	(33) [333.0003]	ND	(8.8) [87.79631]	ND	(9.3) [93.02325]	ND	(59) [586.5102]		
Arsenic	ND	(100) [333.0003]	ND	(26) [87.79631]	ND	(28) [93.02325]	ND	(180) [586.5102]		
Barium	240	(3.3) [333.0003]	110	(0.88) [87.79631]	120	(0.93) [93.02325]	600	(5.9) [586.5102]		
Beryllium	ND	(0.67) [333.0003]	ND	(0.18) [87.79631]	ND	(0.19) [93.02325]	ND	(1.2) [586.5102]		
Cadmium	ND	(1.7) [333.0003]	ND	(0.44) [87.79631]	ND	(0.47) [93.02325]	ND	(2.9) [586.5102]		
Calcium	14000	(330) [333.0003]	3500	(88) [87.79631]	3600	(93) [93.02325]	33000	(590) [586.5102]		
Chromium	5.1	(3.3) [333.0003]	12	(0.88) [87.79631]	13	(0.93) [93.02325]	7.8	(5.9) [586.5102]		
Cobalt	ND	(3.3) [333.0003]	5.3	(0.88) [87.79631]	6.1	(0.93) [93.02325]	11	(5.9) [586.5102]		
Copper	25	(6.7) [333.0003]	10	(1.8) [87.79631]	12	(1.9) [93.02325]	24	(12) [586.5102]		
Iron	10000	(17) [333.0003]	11000	(4.4) [87.79631]	12000	(4.7) [93.02325]	66000	(29) [586.5102]		
Lead	ND	(17) [333.0003]	26	(4.4) [87.79631]	20	(4.7) [93.02325]	ND	(29) [586.5102]		
Magnesium	3000	(330) [333.0003]	2600	(88) [87.79631]	3000	(93) [93.02325]	6700	(590) [586.5102]		
Manganese	83	(3.3) [333.0003]	180	(0.88) [87.79631]	200	(0.93) [93.02325]	790	(5.9) [586.5102]		
Molybdenum	ND	(17) [333.0003]	ND	(4.4) [87.79631]	ND	(4.7) [93.02325]	ND	(29) [586.5102]		
Nickel	13	(6.7) [333.0003]	13	(1.8) [87.79631]	16	(1.9) [93.02325]	24	(12) [586.5102]		
Potassium	ND	(1000) [333.0003]	440	(260) [87.79631]	440	(280) [93.02325]	ND	(1800) [586.5102]		
Selenium	ND	(100) [333.0003]	ND	(26) [87.79631]	ND	(28) [93.02325]	ND	(180) [586.5102]		
Silver	ND	(3.3) [333.0003]	ND	(0.88) [87.79631]	ND	(0.93) [93.02325]	ND	(5.9) [586.5102]		
Sodium	1600	(330) [333.0003]	100	(88) [87.79631]	100	(93) [93.02325]	ND	(590) [586.5102]		
Thallium	ND	(33) [333.0003]	ND	(8.8) [87.79631]	ND	(9.3) [93.02325]	ND	(59) [586.5102]		
Vanadium	11	(6.7) [333.0003]	20	(1.8) [87.79631]	21	(1.9) [93.02325]	22	(12) [586.5102]		
Zinc	54	(6.7) [333.0003]	44	(1.8) [87.79631]	44	(1.9) [93.02325]	67	(12) [586.5102]		
SW7060 - Arsenic (mg/kg)										
Arsenic	10	(1.3) [333.0003]	8.7	(0.7) [175.5926]	11	(0.74) [186.0465]	72	(4.7) [1173.020]		
SW7421 - Lead (mg/kg)										
Lead	9.7	(1) [333.0003]	16	(1.1) [351.1852]	21	(1.1) [372.0930]	10	(1.6) [537.6344]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-SD-02	07-SS-01	07-SS-01	07-SS-02
	07-SD-02-01	07-SS-01-01	07-DS-02 Dup of 07-SS-01-01	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.35	(0.17) [952.3809]	0.073 B	(0.042) [235.2941]
			0.1 B	(0.05) [276.8549]
SW7740 - Selenium (mg/kg)				(0.41) [2272.727]
Selenium	ND	(1.7) [333.0003]	ND	(0.47) [93.02325]
SW846 - Percent Moisture (%)				(2.9) [586.5102]
Percent moisture	79	() [1]	15	() [1]
			14	() [1]
			89	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)									
	07		07		07		07		09	
	07-SS-03	07-SS-04	07-SS-05	07-SS-01	07-SS-02	07-SS-03	07-SS-04	07-SS-05	07-SS-01	09-MW-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3

SW6010 - Metals (mg/kg)										
Aluminum	3200	(33) [165.8925]	6000	(83) [414.0786]	19000	(69) [347.2222]	6400	(16) [81.30081]		
Antimony	ND	(17) [165.8925]	ND	(41) [414.0786]	ND	(35) [347.2222]	ND	(8.1) [81.30081]		
Arsenic	ND	(50) [165.8925]	ND	(120) [414.0786]	ND	(100) [347.2222]	ND	(24) [81.30081]		
Barium	130	(1.7) [165.8925]	330	(4.1) [414.0786]	620	(3.5) [347.2222]	140	(0.81) [81.30081]		
Beryllium	ND	(0.33) [165.8925]	ND	(0.83) [414.0786]	ND	(0.69) [347.2222]	ND	(0.16) [81.30081]		
Cadmium	ND	(0.83) [165.8925]	ND	(2.1) [414.0786]	ND	(1.7) [347.2222]	ND	(0.41) [81.30081]		
Calcium	9100	(170) [165.8925]	17000	(410) [414.0786]	24000	(350) [347.2222]	6400	(81) [81.30081]		
Chromium	6.2	(1.7) [165.8925]	11	(4.1) [414.0786]	40	(3.5) [347.2222]	14	(0.81) [81.30081]		
Cobalt	2.4	(1.7) [165.8925]	ND	(4.1) [414.0786]	21	(3.5) [347.2222]	4.9	(0.81) [81.30081]		
Copper	13	(3.3) [165.8925]	ND	(8.3) [414.0786]	68	(6.9) [347.2222]	21	(1.6) [81.30081]		
Iron	9200	(8.3) [165.8925]	23000	(21) [414.0786]	57000	(17) [347.2222]	13000	(4.1) [81.30081]		
Lead	ND	(8.3) [165.8925]	ND	(21) [414.0786]	28	(17) [347.2222]	20	(4.1) [81.30081]		
Magnesium	2200	(170) [165.8925]	4300	(410) [414.0786]	12000	(350) [347.2222]	3600	(81) [81.30081]		
Manganese	120	(1.7) [165.8925]	350	(4.1) [414.0786]	470	(3.5) [347.2222]	210	(0.81) [81.30081]		
Molybdenum	ND	(8.3) [165.8925]	ND	(21) [414.0786]	ND	(17) [347.2222]	ND	(4.1) [81.30081]		
Nickel	6.6	(3.3) [165.8925]	15	(8.3) [414.0786]	50	(6.9) [347.2222]	15	(1.6) [81.30081]		
Potassium	ND	(500) [165.8925]	ND	(1200) [414.0786]	1500	(1000) [347.2222]	1500	(240) [81.30081]		
Selenium	ND	(50) [165.8925]	ND	(120) [414.0786]	ND	(100) [347.2222]	ND	(24) [81.30081]		
Silver	ND	(1.7) [165.8925]	ND	(4.1) [414.0786]	ND	(3.5) [347.2222]	ND	(0.81) [81.30081]		
Sodium	2000	(170) [165.8925]	2100	(410) [414.0786]	1900	(350) [347.2222]	350	(81) [81.30081]		
Thallium	ND	(17) [165.8925]	ND	(41) [414.0786]	ND	(35) [347.2222]	ND	(8.1) [81.30081]		
Vanadium	9.2	(3.3) [165.8925]	16	(8.3) [414.0786]	54	(6.9) [347.2222]	25	(1.6) [81.30081]		
Zinc	40	(3.3) [165.8925]	28	(8.3) [414.0786]	290	(6.9) [347.2222]	48	(1.6) [81.30081]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.6	(0.66) [165.8925]	35	(3.3) [828.1573]	32	(2.8) [694.4444]	6.5	(0.71) [176.3668]		
SW7421 - Lead (mg/kg)										
Lead	2.9 B	(0.5) [165.8925]	11	(1.2) [414.0786]	53	(4.2) [1388.888]	15	(1.1) [352.7336]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 21 Mar 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)				
	09	09	09	09	09	09	09	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-05
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	2.5 - 4	2.5 - 4	2.5 - 4	2.5 - 4

SW6010 - Metals (mg/kg)													
Aluminum	12000	(20)	[99.0099]	5000	(17)	[84.0336]	10000	(18)	[87.71929]	14000	(22)	[107.5268]	
Antimony	ND	(9.9)	[99.0099]	ND	(8.4)	[84.0336]	ND	(8.8)	[87.71929]	ND	(11)	[107.5268]	
Arsenic	ND	(30)	[99.0099]	ND	(25)	[84.0336]	ND	(26)	[87.71929]	ND	(32)	[107.5268]	
Barium	210	(0.99)	[99.0099]	77	(0.84)	[84.0336]	180	(0.88)	[87.71929]	210	(1.1)	[107.5268]	
Beryllium	0.24	(0.2)	[99.0099]	ND	(0.17)	[84.0336]	0.2	(0.18)	[87.71929]	0.32	(0.22)	[107.5268]	
Cadmium	ND	(0.5)	[99.0099]	ND	(0.42)	[84.0336]	ND	(0.44)	[87.71929]	ND	(0.54)	[107.5268]	
Calcium	18000	(99)	[99.0099]	2900	(84)	[84.0336]	12000	(88)	[87.71929]	16000	(110)	[107.5268]	
Chromium	25	(0.99)	[99.0099]	11	(0.84)	[84.0336]	22	(0.88)	[87.71929]	28	(1.1)	[107.5268]	
Cobalt	9.6	(0.99)	[99.0099]	6.3	(0.84)	[84.0336]	8.9	(0.88)	[87.71929]	13	(1.1)	[107.5268]	
Copper	27	(2)	[99.0099]	15	(1.7)	[84.0336]	26	(1.8)	[87.71929]	32	(2.2)	[107.5268]	
Iron	23000	(5)	[99.0099]	9700	(4.2)	[84.0336]	20000	(4.4)	[87.71929]	25000	(5.4)	[107.5268]	
Lead	9.9	(5)	[99.0099]	ND	(4.2)	[84.0336]	35	(4.4)	[87.71929]	7.5	(5.4)	[107.5268]	
Magnesium	7900	(99)	[99.0099]	2600	(84)	[84.0336]	6400	(88)	[87.71929]	8300	(110)	[107.5268]	
Manganese	410	(0.99)	[99.0099]	200	(0.84)	[84.0336]	370	(0.88)	[87.71929]	500	(1.1)	[107.5268]	
Molybdenum	ND	(5)	[99.0099]	ND	(4.2)	[84.0336]	ND	(4.4)	[87.71929]	ND	(5.4)	[107.5268]	
Nickel	29	(2)	[99.0099]	14	(1.7)	[84.0336]	24	(1.8)	[87.71929]	32	(2.2)	[107.5268]	
Potassium	1200	(300)	[99.0099]	500	(250)	[84.0336]	1100	(260)	[87.71929]	1300	(320)	[107.5268]	
Selenium	ND	(30)	[99.0099]	ND	(25)	[84.0336]	ND	(26)	[87.71929]	ND	(32)	[107.5268]	
Silver	ND	(0.99)	[99.0099]	ND	(0.84)	[84.0336]	ND	(0.88)	[87.71929]	ND	(1.1)	[107.5268]	
Sodium	470	(99)	[99.0099]	120	(84)	[84.0336]	330	(88)	[87.71929]	460	(110)	[107.5268]	
Thallium	ND	(9.9)	[99.0099]	ND	(8.4)	[84.0336]	ND	(8.8)	[87.71929]	ND	(11)	[107.5268]	
Vanadium	45	(2)	[99.0099]	19	(1.7)	[84.0336]	38	(1.8)	[87.71929]	46	(2.2)	[107.5268]	
Zinc	68	(2)	[99.0099]	28	(1.7)	[84.0336]	78	(1.8)	[87.71929]	74	(2.2)	[107.5268]	
SW7060 - Arsenic (mg/kg)													
Arsenic	11	(1.4)	[346.7105]	5	(0.34)	[84.88964]	7.8	(1.6)	[397.5352]	14	(0.88)	[220.3856]	
SW7421 - Lead (mg/kg)													
Lead	9.1	(1)	[346.7105]	3.3	(0.25)	[84.88964]	15	(1.2)	[397.5352]	8.8	(1.3)	[440.7713]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-05
	09-MW-02-02	09-MW-03-02	09-MW-04-02	09-MW-05-02	09-MW-02	09-MW-05-02
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	2.5 - 4
SW7471 - Mercury (mg/kg)						
Mercury	0.064 B	(0.054) [301.2048]	0.12	(0.056) [309.5975]	ND	(0.058) [320.5128]
SW7740 - Selenium (mg/kg)						
Selenium	1.5	(0.49) [98.75567]	ND	(0.42) [84.88964]	1.1	(0.44) [87.81173]
SW846 - Percent Moisture (%)						
Percent moisture	17	() [1]	5	() [1]	22	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)									
	09	09	09	09	09	09	09	09	09	09
	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06
	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02	09-MW-06-02
	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7

SW6010 - Metals (mg/kg)										
Aluminum	9400	(25) [124.4709]	7000	(24) [118.7084]	9100	(17) [83.29168]	6300	(24) [118.4553]		
Antimony	ND	(12) [124.4709]	ND	(12) [118.7084]	ND	(8.3) [83.29168]	ND	(12) [118.4553]		
Arsenic	ND	(37) [124.4709]	ND	(36) [118.7084]	ND	(25) [83.29168]	ND	(36) [118.4553]		
Barium	150	(1.2) [124.4709]	120	(1.2) [118.7084]	96	(0.83) [83.29168]	94	(1.2) [118.4553]		
Beryllium	ND	(0.25) [124.4709]	ND	(0.24) [118.7084]	0.2	(0.17) [83.29168]	ND	(0.24) [118.4553]		
Cadmium	ND	(0.62) [124.4709]	ND	(0.59) [118.7084]	ND	(0.42) [83.29168]	ND	(0.59) [118.4553]		
Calcium	8800	(120) [124.4709]	6900	(120) [118.7084]	8000	(83) [83.29168]	7600	(120) [118.4553]		
Chromium	20	(1.2) [124.4709]	15	(1.2) [118.7084]	15	(0.83) [83.29168]	14	(1.2) [118.4553]		
Cobalt	9.5	(1.2) [124.4709]	6.8	(1.2) [118.7084]	10	(0.83) [83.29168]	8.1	(1.2) [118.4553]		
Copper	20	(2.5) [124.4709]	15	(2.4) [118.7084]	20	(1.7) [83.29168]	14	(2.4) [118.4553]		
Iron	18000	(6.2) [124.4709]	14000	(5.9) [118.7084]	17000	(4.2) [83.29168]	13000	(5.9) [118.4553]		
Lead	14	(6.2) [124.4709]	7.2	(5.9) [118.7084]	17	(4.2) [83.29168]	12	(5.9) [118.4553]		
Magnesium	5700	(120) [124.4709]	4100	(120) [118.7084]	4500	(83) [83.29168]	3900	(120) [118.4553]		
Manganese	340	(1.2) [124.4709]	280	(1.2) [118.7084]	330	(0.83) [83.29168]	240	(1.2) [118.4553]		
Molybdenum	ND	(6.2) [124.4709]	ND	(5.9) [118.7084]	ND	(4.2) [83.29168]	ND	(5.9) [118.4553]		
Nickel	22	(2.5) [124.4709]	16	(2.4) [118.7084]	23	(1.7) [83.29168]	18	(2.4) [118.4553]		
Potassium	1100	(370) [124.4709]	920	(360) [118.7084]	650	(250) [83.29168]	780	(360) [118.4553]		
Selenium	ND	(37) [124.4709]	ND	(36) [118.7084]	ND	(25) [83.29168]	ND	(36) [118.4553]		
Silver	ND	(1.2) [124.4709]	ND	(1.2) [118.7084]	ND	(0.83) [83.29168]	ND	(1.2) [118.4553]		
Sodium	260	(120) [124.4709]	190	(120) [118.7084]	170	(83) [83.29168]	160	(120) [118.4553]		
Thallium	ND	(12) [124.4709]	ND	(12) [118.7084]	ND	(8.3) [83.29168]	ND	(12) [118.4553]		
Vanadium	35	(2.5) [124.4709]	26	(2.4) [118.7084]	33	(1.7) [83.29168]	24	(2.4) [118.4553]		
Zinc	54	(2.5) [124.4709]	41	(2.4) [118.7084]	110	(1.7) [83.29168]	53	(2.4) [118.4553]		
SW7060 - Arsenic (mg/kg)										
Arsenic	8.3	(0.9) [224.3460]	6.7	(0.48) [121.0360]	6.7	(0.65) [162.1073]	6.3	(0.55) [136.5224]		
SW7421 - Lead (mg/kg)										
Lead	7.2	(0.67) [224.9212]	7.1	(0.73) [242.0721]	9.4	(0.48) [161.1863]	7.6	(0.82) [273.8600]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	09		09		09		09	
	09-MW-06 09-MW-06-02 4 - 7		09-MW-06 09-DS-01 Dup of 09-MW-06-02 4 - 7		09-SS-01 09-SS-01-01 0 - 0.5		09-SS-02 09-SS-02-01 0 - 0.5	
SW7471 - Mercury (mg/kg)	0.15	(0.064) [356.1253]	0.13	(0.051) [280.5836]	0.097 B	(0.054) [302.4803]	0.15	(0.079) [438.9815]
Mercury								
SW7740 - Selenium (mg/kg)	ND	(0.56) [112.4606]	ND	(0.61) [121.0360]	ND	(0.4) [80.59316]	ND	(0.68) [136.9300]
Selenium								
SW846 - Percent Moisture (%)	22	() [1]	19	() [1]	13	() [1]	33	() [1]
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	09					10				
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-02	10-DS-01	10-MW-01	10-MW-01	10-MW-02	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01	Dup of 10-MW-01-01	Dup of 10-MW-01-01	Dup of 10-MW-01-01	10-MW-02-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	4 - 5.5	3 - 6	3 - 6	3 - 6	4 - 5.5	4 - 5.5

SW6010 - Metals (mg/kg)										
Aluminum	11000	(22)	[110.2292]	10000	(18)	[88.49557]	11000	(18)	[88.49557]	14000
Antimony	ND	(11)	[110.2292]	ND	(8.8)	[88.49557]	ND	(8.8)	[88.49557]	ND
Arsenic	ND	(33)	[110.2292]	ND	(27)	[88.49557]	ND	(27)	[88.49557]	ND
Barium	200	(1.1)	[110.2292]	180	(0.88)	[88.49557]	190	(0.88)	[88.49557]	260
Beryllium	0.32	(0.22)	[110.2292]	0.26	(0.18)	[88.49557]	0.26	(0.18)	[88.49557]	0.38
Cadmium	ND	(0.55)	[110.2292]	ND	(0.44)	[88.49557]	ND	(0.44)	[88.49557]	ND
Calcium	19000	(110)	[110.2292]	14000	(88)	[88.49557]	15000	(88)	[88.49557]	12000
Chromium	25	(1.1)	[110.2292]	22	(0.88)	[88.49557]	22	(0.88)	[88.49557]	31
Cobalt	13	(1.1)	[110.2292]	10	(0.88)	[88.49557]	9.9	(0.88)	[88.49557]	13
Copper	35	(2.2)	[110.2292]	30	(1.8)	[88.49557]	27	(1.8)	[88.49557]	69
Iron	25000	(5.5)	[110.2292]	21000	(4.4)	[88.49557]	22000	(4.4)	[88.49557]	30000
Lead	22	(5.5)	[110.2292]	9	(4.4)	[88.49557]	ND	(4.4)	[88.49557]	16
Magnesium	8700	(110)	[110.2292]	6900	(88)	[88.49557]	7400	(88)	[88.49557]	8900
Manganese	500	(1.1)	[110.2292]	410	(0.88)	[88.49557]	410	(0.88)	[88.49557]	500
Molybdenum	ND	(5.5)	[110.2292]	ND	(4.4)	[88.49557]	ND	(4.4)	[88.49557]	ND
Nickel	28	(2.2)	[110.2292]	25	(1.8)	[88.49557]	26	(1.8)	[88.49557]	38
Potassium	1200	(330)	[110.2292]	1100	(270)	[88.49557]	1100	(270)	[88.49557]	1400
Selenium	ND	(33)	[110.2292]	ND	(27)	[88.49557]	ND	(27)	[88.49557]	ND
Silver	ND	(1.1)	[110.2292]	ND	(0.88)	[88.49557]	ND	(0.88)	[88.49557]	ND
Sodium	370	(110)	[110.2292]	320	(88)	[88.49557]	370	(88)	[88.49557]	420
Thallium	ND	(11)	[110.2292]	ND	(8.8)	[88.49557]	ND	(8.8)	[88.49557]	ND
Vanadium	41	(2.2)	[110.2292]	38	(1.8)	[88.49557]	40	(1.8)	[88.49557]	50
Zinc	100	(2.2)	[110.2292]	76	(1.8)	[88.49557]	68	(1.8)	[88.49557]	110
SW7060 - Arsenic (mg/kg)										
Arsenic	15	(1.8)	[444.4444]	8.5	(0.81)	[201.3490]	12	(0.72)	[179.5493]	17
SW7421 - Lead (mg/kg)										
Lead	17	(1.3)	[444.4444]	15	(1.2)	[402.6980]	9.4	(1.1)	[359.0986]	13
					</					

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() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	09		10		10		10	
	09-SS-03 09-SS-03-01 0 - 0.5		10-MW-01 10-MW-01-01 3 - 6		10-MW-01 10-DS-01 Dup of 10-MW-01-01 3 - 6		10-MW-02 10-MW-02-01 4 - 5.5	
SW7471 - Mercury (mg/kg)	0.12	(0.054) [301.9323]	ND	(0.047) [259.7402]	0.081 B	(0.063) [351.6174]	ND	(0.057) [317.4603]
Mercury								
SW7740 - Selenium (mg/kg)	ND	(0.56) [111.1111]	0.99	(0.5) [100.6745]	1.4	(0.45) [89.77466]	1.8	(0.48) [95.92326]
Selenium								
SW846 - Percent Moisture (%)	28	() [1]	23	() [1]	21	() [1]	25	() [1]
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		BEG. DEPTH - END DEPTH (FT.)							
	SAMPLE ID									
			10		10		10		10	
	10-MW-03	10-SB-01	10-SB-01	10-SB-01-01	10-SB-01-02	10-SB-01-02	10-SB-02-01	10-SB-02-01	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	5 - 7	1 - 3						

SW6010 - Metals (mg/kg)										
Aluminum	15000	(23) [113.6363]	7400	(15) [75.18796]	13000	(18) [90.90908]	7100	(18) [87.71929]		
Antimony	ND	(11) [113.6363]	ND	(7.5) [75.18796]	ND	(9.1) [90.90908]	ND	(8.8) [87.71929]		
Arsenic	ND	(34) [113.6363]	ND	(23) [75.18796]	ND	(27) [90.90908]	ND	(26) [87.71929]		
Barium	300	(1.1) [113.6363]	120	(0.75) [75.18796]	250	(0.91) [90.90908]	140	(0.88) [87.71929]		
Beryllium	0.42	(0.23) [113.6363]	0.19	(0.15) [75.18796]	0.36	(0.18) [90.90908]	0.19	(0.18) [87.71929]		
Cadmium	ND	(0.57) [113.6363]	ND	(0.38) [75.18796]	ND	(0.45) [90.90908]	ND	(0.44) [87.71929]		
Calcium	15000	(110) [113.6363]	8300	(75) [75.18796]	18000	(91) [90.90908]	9600	(88) [87.71929]		
Chromium	33	(1.1) [113.6363]	16	(0.75) [75.18796]	28	(0.91) [90.90908]	16	(0.88) [87.71929]		
Cobalt	12	(1.1) [113.6363]	7.2	(0.75) [75.18796]	12	(0.91) [90.90908]	7	(0.88) [87.71929]		
Copper	43	(2.3) [113.6363]	62	(1.5) [75.18796]	41	(1.8) [90.90908]	21	(1.8) [87.71929]		
Iron	29000	(5.7) [113.6363]	15000	(3.8) [75.18796]	28000	(4.5) [90.90908]	15000	(4.4) [87.71929]		
Lead	7.9	(5.7) [113.6363]	6.6	(3.8) [75.18796]	6.2	(4.5) [90.90908]	11	(4.4) [87.71929]		
Magnesium	8900	(110) [113.6363]	4800	(75) [75.18796]	9200	(91) [90.90908]	4700	(88) [87.71929]		
Manganese	640	(1.1) [113.6363]	280	(0.75) [75.18796]	560	(0.91) [90.90908]	270	(0.88) [87.71929]		
Molybdenum	ND	(5.7) [113.6363]	ND	(3.8) [75.18796]	ND	(4.5) [90.90908]	ND	(4.4) [87.71929]		
Nickel	39	(2.3) [113.6363]	19	(1.5) [75.18796]	31	(1.8) [90.90908]	19	(1.8) [87.71929]		
Potassium	1700	(340) [113.6363]	780	(230) [75.18796]	1300	(270) [90.90908]	770	(260) [87.71929]		
Selenium	ND	(34) [113.6363]	ND	(23) [75.18796]	ND	(27) [90.90908]	ND	(26) [87.71929]		
Silver	ND	(1.1) [113.6363]	ND	(0.75) [75.18796]	ND	(0.91) [90.90908]	ND	(0.88) [87.71929]		
Sodium	400	(110) [113.6363]	220	(75) [75.18796]	400	(91) [90.90908]	190	(88) [87.71929]		
Thallium	ND	(11) [113.6363]	ND	(7.5) [75.18796]	ND	(9.1) [90.90908]	ND	(8.8) [87.71929]		
Vanadium	55	(2.3) [113.6363]	28	(1.5) [75.18796]	45	(1.8) [90.90908]	29	(1.8) [87.71929]		
Zinc	100	(2.3) [113.6363]	67	(1.5) [75.18796]	90	(1.8) [90.90908]	52	(1.8) [87.71929]		

SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.79) [197.1025]	7.6	(0.73) [182.1493]	13	(1.5) [363.2730]	7.7	(0.71) [178.2848]		

SW7421 - Lead (mg/kg)										
Lead	8.5	(1.2) [394.2051]	11	(1.1) [364.2987]	9.6	(1.1) [363.2730]	29	(2.4) [800.2560]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)		LOCATION ID		SAMPLE ID	
SW7471 - Mercury (mg/kg)	0.097 B	(0.059) [326.1578]	ND	(0.045) [252.5252]	0.073 B	(0.047) [259.7402]	ND	(0.064) [355.1136]
SW7740 - Selenium (mg/kg)	1.1	(0.57) [113.2118]	1.6	(0.46) [91.07468]	2.2	(0.45) [90.81827]	1	(0.4) [80.02560]
SW846 - Percent Moisture (%)	27	()	10	()	23	()	12	()
Percent moisture	27	()	10	()	23	()	12	()
SW7471 - Mercury (mg/kg)	0.097 B	(0.059) [326.1578]	ND	(0.045) [252.5252]	0.073 B	(0.047) [259.7402]	ND	(0.064) [355.1136]
SW7740 - Selenium (mg/kg)	1.1	(0.57) [113.2118]	1.6	(0.46) [91.07468]	2.2	(0.45) [90.81827]	1	(0.4) [80.02560]
SW846 - Percent Moisture (%)	27	()	10	()	23	()	12	()
Percent moisture	27	()	10	()	23	()	12	()

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03	10-SB-03-01	10-SB-03-02	10-SB-03-03	10-SB-03-04	10-SB-03-05	10-SB-03-06
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5						

SW6010 - Metals (mg/kg)										
Aluminum	13000	(73) [363.6363]	5900	(15) [74.07407]	12000	(19) [96.15384]	9900	(19) [93.45793]		
Antimony	ND	(36) [363.6363]	ND	(7.4) [74.07407]	ND	(9.6) [96.15384]	ND	(9.3) [93.45793]		
Arsenic	ND	(110) [363.6363]	ND	(22) [74.07407]	ND	(29) [96.15384]	ND	(28) [93.45793]		
Barium	240	(3.6) [363.6363]	87	(0.74) [74.07407]	170	(0.96) [96.15384]	150	(0.93) [93.45793]		
Beryllium	ND	(0.73) [363.6363]	ND	(0.15) [74.07407]	ND	(0.19) [96.15384]	ND	(0.19) [93.45793]		
Cadmium	ND	(1.8) [363.6363]	0.53	(0.37) [74.07407]	ND	(0.48) [96.15384]	ND	(0.47) [93.45793]		
Calcium	19000	(360) [363.6363]	3700	(74) [74.07407]	14000	(96) [96.15384]	11000	(93) [93.45793]		
Chromium	27	(3.6) [363.6363]	14	(0.74) [74.07407]	24	(0.96) [96.15384]	20	(0.93) [93.45793]		
Cobalt	12	(3.6) [363.6363]	5.8	(0.74) [74.07407]	9.1	(0.96) [96.15384]	8.5	(0.93) [93.45793]		
Copper	33	(7.3) [363.6363]	13	(1.5) [74.07407]	25	(1.9) [96.15384]	25	(1.9) [93.45793]		
Iron	28000	(18) [363.6363]	12000	(3.7) [74.07407]	22000	(4.8) [96.15384]	21000	(4.7) [93.45793]		
Lead	ND	(18) [363.6363]	28	(3.7) [74.07407]	10	(4.8) [96.15384]	6.7	(4.7) [93.45793]		
Magnesium	9500	(360) [363.6363]	3200	(74) [74.07407]	7500	(96) [96.15384]	6300	(93) [93.45793]		
Manganese	520	(3.6) [363.6363]	190	(0.74) [74.07407]	360	(0.96) [96.15384]	340	(0.93) [93.45793]		
Molybdenum	ND	(18) [363.6363]	ND	(3.7) [74.07407]	ND	(4.8) [96.15384]	ND	(4.7) [93.45793]		
Nickel	32	(7.3) [363.6363]	17	(1.5) [74.07407]	27	(1.9) [96.15384]	23	(1.9) [93.45793]		
Potassium	1200	(1100) [363.6363]	560	(220) [74.07407]	1100	(290) [96.15384]	860	(280) [93.45793]		
Selenium	ND	(110) [363.6363]	ND	(22) [74.07407]	ND	(29) [96.15384]	ND	(28) [93.45793]		
Silver	ND	(3.6) [363.6363]	ND	(0.74) [74.07407]	ND	(0.96) [96.15384]	ND	(0.93) [93.45793]		
Sodium	420	(360) [363.6363]	170	(74) [74.07407]	530	(96) [96.15384]	440	(93) [93.45793]		
Thallium	ND	(36) [363.6363]	ND	(7.4) [74.07407]	ND	(9.6) [96.15384]	ND	(9.3) [93.45793]		
Vanadium	46	(7.3) [363.6363]	24	(1.5) [74.07407]	44	(1.9) [96.15384]	39	(1.9) [93.45793]		
Zinc	88	(7.3) [363.6363]	36	(1.5) [74.07407]	60	(1.9) [96.15384]	54	(1.9) [93.45793]		
SW7060 - Arsenic (mg/kg)										
Arsenic	12	(0.83) [208.3333]	5.2	(0.33) [81.40008]	11	(0.8) [200.5012]	10	(0.81) [201.3490]		
SW7421 - Lead (mg/kg)										
Lead	8.9	(1.2) [416.6666]	39	(2.4) [814.0008]	9.8	(1.2) [401.0025]	6.8	(0.6) [201.3490]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03
	10-SB-02-02	10-SB-03-01	10-SB-03-02	10-SB-03-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5

SW7471 - Mercury (mg/kg)				
Mercury	ND	(0.057) [317.4603]	ND	(0.053) [295.1593]
SW7740 - Selenium (mg/kg)				
Selenium	1.8	(0.52) [104.1666]	0.53	(0.48) [95.92326]
SW846 - Percent Moisture (%)				
Percent moisture	25	() [1]	9	() [1]
			25	() [1]
			ND	(0.5) [99.92006]
			1	() [1]
			23	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW6010 - Metals (mg/kg)	10		10		10	
	10-SS-01		10-SS-02		10-SS-03	
Aluminum	7600		6500		5300	
	ND		ND		ND	
Antimony	(15) [76.33588]		(14) [69.44444]		(15) [72.9927]	
	(7.6) [76.33588]		(6.9) [69.44444]		(7.3) [72.9927]	
Arsenic	ND		ND		ND	
	(23) [76.33588]		(21) [69.44444]		(22) [72.9927]	
Barium	140		110		82	
	(0.76) [76.33588]		(0.69) [69.44444]		(0.73) [72.9927]	
Beryllium	ND		ND		ND	
	(0.15) [76.33588]		(0.14) [69.44444]		(0.15) [72.9927]	
Cadmium	2		0.6		ND	
	(0.38) [76.33588]		(0.35) [69.44444]		(0.36) [72.9927]	
Calcium	7700		5400		4100	
	(76) [76.33588]		(69) [69.44444]		(73) [72.9927]	
Chromium	16		14		9.5	
	(0.76) [76.33588]		(0.69) [69.44444]		(0.73) [72.9927]	
Cobalt	7.5		7		5.6	
	(0.76) [76.33588]		(0.69) [69.44444]		(0.73) [72.9927]	
Copper	20		32		44	
	(1.5) [76.33588]		(1.4) [69.44444]		(1.5) [72.9927]	
Iron	15000		13000		11000	
	(3.8) [76.33588]		(3.5) [69.44444]		(3.6) [72.9927]	
Lead	15		24		19	
	(3.8) [76.33588]		(3.5) [69.44444]		(3.6) [72.9927]	
Magnesium	4500		3300		2500	
	(76) [76.33588]		(69) [69.44444]		(73) [72.9927]	
Manganese	260		230		180	
	(0.76) [76.33588]		(0.69) [69.44444]		(0.73) [72.9927]	
Molybdenum	ND		ND		ND	
	(3.8) [76.33588]		(3.5) [69.44444]		(3.6) [72.9927]	
Nickel	19		15		12	
	(1.5) [76.33588]		(1.4) [69.44444]		(1.5) [72.9927]	
Potassium	740		660		510	
	(230) [76.33588]		(210) [69.44444]		(220) [72.9927]	
Selenium	ND		ND		ND	
	(23) [76.33588]		(21) [69.44444]		(22) [72.9927]	
Silver	ND		ND		ND	
	(0.76) [76.33588]		(0.69) [69.44444]		(0.73) [72.9927]	
Sodium	200		210		120	
	(76) [76.33588]		(69) [69.44444]		(73) [72.9927]	
Thallium	ND		ND		ND	
	(7.6) [76.33588]		(6.9) [69.44444]		(7.3) [72.9927]	
Vanadium	31		24		19	
	(1.5) [76.33588]		(1.4) [69.44444]		(1.5) [72.9927]	
Zinc	55		110		160	
	(1.5) [76.33588]		(1.4) [69.44444]		(1.5) [72.9927]	
SW7060 - Arsenic (mg/kg)	6.8		47		32	
	(0.61) [152.8701]		(3.7) [927.6437]		(1.5) [365.7430]	
SW7421 - Lead (mg/kg)	14		21		28	
	(0.92) [305.7402]		(2.1) [694.4926]		(2.2) [731.4860]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SS-01	10-SS-02	10-SS-03	10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
				</

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	11	10	11	10	11
	10-SS-04	10-SS-05	10-SS-06	11-SB-01	10-SS-05	11-SB-01
	10-SS-04-01	10-SS-05-01	10-SS-06-01	11-SB-01-01	10-SS-05-01	11-SB-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4	0 - 0.5	2 - 4
<hr/>						
SW6010 - Metals (mg/kg)						
Aluminum	9300	(17) [86.20689]	18000	(32) [162]	16000	(31) [155]
Antimony	ND	(8.6) [86.20689]	ND	(16) [162]	ND	(16) [155]
Arsenic	ND	(26) [86.20689]	ND	(49) [162]	ND	(46) [155]
Barium	150	(0.86) [86.20689]	340	(1.6) [162]	230	(1.6) [155]
Beryllium	ND	(0.17) [86.20689]	ND	(0.32) [162]	ND	(0.31) [155]
Cadmium	ND	(0.43) [86.20689]	1.4	(0.81) [162]	0.81	(0.78) [155]
Calcium	7300	(86) [86.20689]	12000	(160) [162]	7800	(160) [155]
Chromium	18	(0.86) [86.20689]	39	(1.6) [162]	30	(1.6) [155]
Cobalt	8.3	(0.86) [86.20689]	16	(1.6) [162]	16	(1.6) [155]
Copper	14	(1.7) [86.20689]	36	(3.2) [162]	31	(3.1) [155]
Iron	15000	(4.3) [86.20689]	30000	(8.1) [162]	28000	(7.8) [155]
Lead	19	(4.3) [86.20689]	88	(8.1) [162]	57	(7.8) [155]
Magnesium	4500	(86) [86.20689]	9100	(160) [162]	7000	(160) [155]
Manganese	280	(0.86) [86.20689]	520	(1.6) [162]	520	(1.6) [155]
Molybdenum	ND	(4.3) [86.20689]	ND	(8.1) [162]	ND	(7.8) [155]
Nickel	20	(1.7) [86.20689]	40	(3.2) [162]	39	(3.1) [155]
Potassium	930	(260) [86.20689]	2100	(490) [162]	1600	(460) [155]
Selenium	ND	(26) [86.20689]	ND	(49) [162]	ND	(46) [155]
Silver	ND	(0.86) [86.20689]	ND	(1.6) [162]	ND	(1.6) [155]
Sodium	240	(86) [86.20689]	510	(160) [162]	410	(160) [155]
Thallium	ND	(8.6) [86.20689]	ND	(16) [162]	ND	(16) [155]
Vanadium	33	(1.7) [86.20689]	61	(3.2) [162]	62	(3.1) [155]
Zinc	47	(1.7) [86.20689]	180	(3.2) [162]	160	(3.1) [155]
SW7060 - Arsenic (mg/kg)	4.5	(0.29) [71.91657]	6.1	(0.64) [160.5136]	5.6	(0.6) [148.8205]
Arsenic						
SW7421 - Lead (mg/kg)	17	(0.86) [287.6663]	45	(2.4) [802.5682]	53	(4.5) [1488.205]
Lead						

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10		10		10		10	
	10-SS-04 0 - 0.5		10-SS-05 10-SS-05-01 0 - 0.5		10-SS-06 10-SS-06-01 0 - 0.5		11 11-SB-01 11-SB-01-01 2 - 4	
SW7471 - Mercury (mg/kg)	0.094 B	(0.049) [269.6871]	0.14	(0.04) [224.7191]	0.11	(0.056) [312.1098]	0.11	(0.061) [337.8378]
Mercury	ND	(0.36) [71.91657]	ND	(0.4) [80.25682]	ND	(0.36) [71.56659]	ND	(0.47) [93.19664]
SW7740 - Selenium (mg/kg)	19	() [1]	30	() [1]	8.5	() [1]	26	() [1]
Selenium								
SW846 - Percent Moisture (%)								
Percent moisture								

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 21 March 1995

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	11	11	11	11	11	11	11	11	11	11	11	12
	11-SB-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	12-MW-01
	11-SB-01-02	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	12-MW-01-02
	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 7
SW7471 - Mercury (mg/kg)												
Mercury	ND	(0.054)	[301.3863]	ND	(0.062)	[341.9972]	0.072 B	(0.037)	[206.6115]	0.081 B	(0.041)	[225.9784]
SW7740 - Selenium (mg/kg)												
Selenium	ND	(0.49)	[97.37098]	ND	(0.44)	[88.09020]	0.62	(0.41)	[82.34519]	ND	(0.37)	[73.20429]
SW846 - Percent Moisture (%)												
Percent moisture	21	()	[1]	14	()	[1]	12	()	[1]	3.8	()	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

12
12-MW-02
12-MW-02-02
10 - 12

PARAMETER

SW6010 - Metals (mg/kg)

Aluminum	4600	(16) [81.30081]
Antimony	13	(8.1) [81.30081]
Arsenic	ND	(24) [81.30081]
Barium	84	(0.81) [81.30081]
Beryllium	ND	(0.16) [81.30081]
Cadmium	ND	(0.41) [81.30081]
Calcium	2800	(81) [81.30081]
Chromium	9.4	(0.81) [81.30081]
Cobalt	5.3	(0.81) [81.30081]
Copper	10	(1.6) [81.30081]
Iron	8600	(4.1) [81.30081]
Lead	ND	(4.1) [81.30081]
Magnesium	2500	(81) [81.30081]
Manganese	160	(0.81) [81.30081]
Molybdenum	ND	(4.1) [81.30081]
Nickel	12	(1.6) [81.30081]
Potassium	310	(240) [81.30081]
Selenium	ND	(24) [81.30081]
Silver	ND	(0.81) [81.30081]
Sodium	88	(81) [81.30081]
Thallium	ND	(8.1) [81.30081]
Vanadium	19	(1.6) [81.30081]
Zinc	21	(1.6) [81.30081]
SW7060 - Arsenic (mg/kg)		
Arsenic	2.4	(0.32) [81.15829]
SW7421 - Lead (mg/kg)		
Lead	5.6	(0.49) [162.3165]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)	
	12	
	12-MW-02	
	12-MW-02-02	
	10 - 12	

SW7471 - Mercury (mg/kg)		
Mercury	0.084 B	(0.047) [262.7982]
SW7740 - Selenium (mg/kg)		
Selenium	ND	(0.41) [81.15829]
SW846 - Percent Moisture (%)		
Percent moisture	9.4	() [1]

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor NA = Not Detected * - Value considered suspect, Refer to QC Report A6-1

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A6-2

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID	SAMPLE ID		LOCATION ID	SAMPLE ID	
		005	005	005	005	005
		05-MW-01	05-MW-02	05-MW-03	05-MW-04	05-MW-04-03
		05-MW-01-03	05-MW-02-03	05-MW-03-03	05-MW-04-03	05-MW-04-03
A403 - Alkalinity (mg/L)						
Total Alkalinity	728					
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity	1240					
E150.1 - pH, Electrometric (PH UNITS)						
pH	6.82					
E170.1 - Temperature (degC)						
Temperature	2.5					
E180.1 - Turbidity (ntu)						
Turbidity	41					

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-3

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A6-4

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			SITE ID			SITE ID		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)									
Total Alkalinity									
E120.1 - Specific Conductance (umhos/cm)									
Specific Conductivity									
E150.1 - pH, Electrometric (PH UNITS)									
pH									
E170.1 - Temperature (degC)									
Temperature									
E180.1 - Turbidity (ntu)									
Turbidity									

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report
A6-5

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L) Total Alkalinity E120.1 - Specific Conductance (umhos/cm) Specific Conductivity E150.1 - pH, Electrometric (PH UNITS) pH E170.1 - Temperature (degC) Temperature E180.1 - Turbidity (ntu) Turbidity	008 06-MW-04 06-MW-04-03	008 06-MW-07 06-MW-07-01	3 07-MW-01 07-MW-01-03	3 07-MW-02 07-MW-02-03
	()	()	()	()
	[1]	[1]	[1]	[1]
	590	824	620	730
	()	()	()	()
	[1]	[1]	[1]	[1]
	1260	1400	1000	1420
	()	()	()	()
	[1]	[1]	[1]	[1]
	6.78	6.56	7.02	7.52
E170.1 - Temperature (degC) Temperature E180.1 - Turbidity (ntu) Turbidity	()	()	()	()
	[1]	[1]	[1]	[1]
	5.5	4	4	1.5
	()	()	()	()
E180.1 - Turbidity (ntu) Turbidity	()	()	()	()
	[1]	[1]	[1]	[1]
E180.1 - Turbidity (ntu) Turbidity	()	NA	29.6	69
	[1]	[1]	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-6

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		SAMPLE ID	
A403 - Alkalinity (mg/L)	3	07-MW-03	3	07-MW-04	3	07-SW-04
Total Alkalinity		790				
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity		1390				
E150.1 - pH, Electrometric (PH UNITS)						
pH		7.04				
E170.1 - Temperature (degC)						
Temperature		3				
E180.1 - Turbidity (ntu)						
Turbidity		96.3				
A403 - Alkalinity (mg/L)	3	07-MW-03	3	07-MW-04	3	07-SW-04
Total Alkalinity		790				
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity		1390				
E150.1 - pH, Electrometric (PH UNITS)						
pH		7.04				
E170.1 - Temperature (degC)						
Temperature		3				
E180.1 - Turbidity (ntu)						
Turbidity		96.3				

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-7

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

AG-8

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
A403 - Alkalinity (mg/L) Total Alkalinity E120.1 - Specific Conductance (degC) Specific Conductivity E150.1 - pH, Electrometric (umhos/cm) pH E170.1 - Temperature (PH UNITS) Temperature E180.1 - Turbidity (ntu) Turbidity	7	7	7	008
	08-SW-01	08-SW-02	08-SW-03	09-MW-01
	08-SW-01-DS-01 Dup of 08-SW-01-01	08-SW-02-01	08-SW-03-01	09-MW-01-03
	NA	NA	NA	()
	100	400	720	706
	()	[1]	[1]	[1]
	()	()	()	()
	6.39	6.88	7.05	6.77
	0.3	0	0	5
	NA	NA	NA	136

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-9

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L)	008 09-MW-02 09-MW-02-03	008 09-MW-03 09-MW-03-03	008 09-MW-04 09-MW-04-03	008 09-MW-05 09-MW-05-03
Total Alkalinity	()	[1]	NA 454	()
E120.1 - Specific Conductance (umhos/cm)	()	[1]	NA 1060	()
Specific Conductivity	()	[1]	1090	()
E150.1 - pH, Electrometric (PH UNITS)	()	[1]	6.72	()
pH	()	[1]	3	()
E170.1 - Temperature (degC)	()	[1]	65	()
Temperature	()	[1]	3	()
E180.1 - Turbidity (ntu)	()	[1]	15	()
Turbidity	()	[1]	32	()

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-10

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L)						
Total Alkalinity						
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity						
E150.1 - pH, Electrometric (PH UNITS)						
pH						
E170.1 - Temperature (degC)						
Temperature						
E180.1 - Turbidity (ntu)						
Turbidity						

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-11

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

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TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID		
E120.1 - Specific Conductance (degC)									
Specific Conductivity	1070	()	[1]	1210	()	[1]	940	()	[1]
E150.1 - pH, Electrometric		()	[1]	7.23	()	[1]	7.27	()	[1]
pH	8.53								
E170.1 - Temperature (PH UNITS)	0	()	[1]	0	()	[1]	0	()	[1]
Temperature									

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID	
	001		001		001		001		001	
	01-MW-01		01-MW-02		01-MW-07		01-MW-08		01-MW-08-01	
	01-MW-01-03		01-MW-02-03		01-MW-07-01		01-MW-08-01		01-MW-08-01	

Diesel Range Organics (ug/L)	4.00	JB	(	200)	[1]	4.00	JB	(	200)	[1]
Diesel Range Organics						2.00	JB	(	200)	[1]
									110	J
									(	200)
									[1]	[1]
Gasoline Range Organics (ug/L)	610	(	100)	[1]	36.0	JB	(	100)	[1]	[1]
Gasoline Range Organics						30.0	JB	(	100)	[1]
									68.0	J
									(	100)
									[1]	[1]
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	0.00330	KJB	(	0.0220)	[1]	ND	(	0.0427)	[1]	[1]
1,1,1-Trichloroethane	0.117	KJB	(	0.150)	[1]	ND	(	0.0924)	[1]	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.100)	[1]	0.00160	KJB	(	0.104)	[1]	[1]
1,1,2-Trichloroethane	0.0243	KJ	(	0.100)	[1]	ND	(	0.102)	[1]	[1]
1,1-Dichloroethane	ND	(	0.0480)	[1]	ND	(	0.0481)	[1]	[1]	[1]
1,1-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.0962)	[1]	[1]	[1]
1,2,3-Trichloropropane	ND	(	0.120)	[1]	0.00470	JB	(	0.115)	[1]	[1]
1,2-Dichlorobenzene	ND	(	0.170)	[1]	ND	(	0.167)	[1]	[1]	[1]
1,2-Dichloroethane	0.00220	PJ	(	0.0820)	[1]	ND	(	0.0541)	[1]	[1]
1,2-Dichloropropane	ND	(	0.0750)	[1]	ND	(	0.0751)	[1]	[1]	[1]
1,3-Dichlorobenzene	ND	(	0.150)	[1]	ND	(	0.151)	[1]	[1]	[1]
1,4-Dichlorobenzene	ND	(	0.190)	[1]	ND	(	0.195)	[1]	[1]	[1]
1-Chlorohexane	ND	(	0.120)	[1]	ND	(	0.120)	[1]	[1]	[1]
2-Chloroethyl vinyl ether	ND	(	0.170)	[1]	ND	(	0.167)	[1]	[1]	[1]
Bromobenzene	ND	(	0.530)	[1]	0.0693	KJ	(	0.525)	[1]	[1]
Bromodichloromethane	ND	(	0.0680)	[1]	ND	(	0.0682)	[1]	[1]	[1]
Bromomethane	ND	(	0.0560)	[1]	ND	(	0.0562)	[1]	[1]	[1]
Carbon tetrachloride	ND	(	0.110)	[1]	ND	(	0.107)	[1]	[1]	[1]
Chlorobenzene	ND	(	0.140)	[1]	ND	(	0.138)	[1]	[1]	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
SW8010 - Halogenated Volatile Organics, cont. (ug/L)						
Chloroethane	ND	(0.110)	[1]	ND	(0.110)	[1]
Chloroform	ND	(0.0850)	[1]	ND	(0.0850)	[1]
Chloromethane	ND	(0.150)	[1]	ND	(0.150)	[1]
Dibromochloromethane	ND	(0.170)	[1]	ND	(0.170)	[1]
Dibromomethane	ND	(0.140)	[1]	ND	(0.140)	[1]
Methylene chloride	ND	(0.220)	[1]	0.000900 JB	(0.220)	[1]
Tetrachloroethene	ND	(0.100)	[1]	ND	(0.100)	[1]
Tribromomethane(Bromoform)	ND	(0.140)	[1]	ND	(0.140)	[1]
Trichloroethene	0.00430 KJB	(0.110)	[1]	ND	(0.110)	[1]
Trichlorofluoromethane	ND	(0.0750)	[1]	ND	(0.0750)	[1]
Vinyl chloride	ND	(0.200)	[1]	ND	(0.200)	[1]
cis-1,3-Dichloropropene	ND	(0.0740)	[1]	ND	(0.0740)	[1]
trans-1,2-Dichloroethene	ND	(0.100)	[1]	ND	(0.100)	[1]
trans-1,3-Dichloropropene	ND	(0.0570)	[1]	ND	(0.0570)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)						
2-Butanone(MEK)	ND	(2.40)	[1]	ND	(2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(1.50)	[1]	ND	(1.50)	[1]
Ethanol	ND	(0.300)	[1]	ND	(0.300)	[1]
Ethyl ether	ND	(1.20)	[1]	ND	(1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	0.102 B	(0.0710)	[1]	0.238	(0.0710)	[1]
1,3-Dichlorobenzene	0.173	(0.0990)	[1]	0.0614 JB	(0.0990)	[1]
1,4-Dichlorobenzene	0.0386 JB	(0.0950)	[1]	0.0819 J	(0.0950)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
	001	001	001	001								
	01-MW-01	01-MW-02	01-MW-07	01-MW-08								
	01-MW-01-03	01-MW-02-03	01-MW-07-01	01-MW-08-01								

SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	372	(0.700)	[10]	0.111 B (0.0700)	[1]	ND	(0.0790)	[1]	29.4	(0.0790)	[1]	
Chlorobenzene	0.143	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(0.116)	[1]	ND	(0.116)	[1]
Ethylbenzene	2.03	(0.0680)	[1]	0.0537 JB	(0.0680)	[1]	ND	(0.121)	[1]	ND	(0.121)	[1]
Toluene	1.09	B (0.0480)	[1]	0.138 B	(0.0480)	[1]	ND	(0.112)	[1]	0.0900 JB	(0.112)	[1]
Xylene (total)	1.10	B (0.0850)	[1]	0.167 B	(0.0850)	[1]	ND	(0.130)	[1]	0.0446 KJB	(0.0528)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00598)	[1]	ND	(0.00433)	[1]	NA			NA		
4,4'-DDE	ND	(0.00629)	[1]	ND	(0.00629)	[1]	NA			NA		
4,4'-DDT	ND	(0.00680)	[1]	ND	(0.00680)	[1]	NA			NA		
Aldrin	ND	(0.00546)	[1]	ND	(0.00897)	[1]	NA			NA		
Chlordane	ND	(0.00959)	[1]	ND	(0.00959)	[1]	NA			NA		
Dieldrin	ND	(0.00443)	[1]	ND	(0.00443)	[1]	NA			NA		
Endosulfan I	ND	(0.00320)	[1]	ND	(0.00320)	[1]	NA			NA		
Endosulfan II	ND	(0.00701)	[1]	ND	(0.00701)	[1]	NA			NA		
Endosulfan Sulfate	ND	(0.0134)	[1]	ND	(0.0134)	[1]	NA			NA		
Endrin	ND	(0.0113)	[1]	ND	(0.0113)	[1]	NA			NA		
Endrin Aldehyde	0.00380 J	(0.00598)	[1]	ND	(0.00598)	[1]	NA			NA		
Heptachlor	ND	(0.00227)	[1]	ND	(0.00278)	[1]	NA			NA		
Heptachlor epoxide	ND	(0.00340)	[1]	ND	(0.00340)	[1]	NA			NA		
Methoxychlor	ND	(0.0412)	[1]	ND	(0.0412)	[1]	NA			NA		
PCB-1016	ND	(0.0567)	[1]	ND	(0.0567)	[1]	NA			NA		
PCB-1221	ND	(0.0763)	[1]	ND	(0.0763)	[1]	NA			NA		
PCB-1232	ND	(0.134)	[1]	ND	(0.134)	[1]	NA			NA		
PCB-1242	ND	(0.0536)	[1]	ND	(0.0536)	[1]	NA			NA		

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	001	001	001	001
	01-MW-01	01-MW-02	01-MW-07	01-MW-08
	01-MW-01-03	01-MW-02-03	01-MW-07-01	01-MW-08-01
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND (0.0289) [1]	ND (0.0289) [1]	NA	NA
PCB-1254	ND (0.0412) [1]	ND (0.0412) [1]	NA	NA
PCB-1260	ND (0.0546) [1]	ND (0.0546) [1]	NA	NA
Toxaphene	ND (0.0351) [1]	ND (0.0351) [1]	NA	NA
alpha-BHC	0.0109 B (0.00206) [1]	ND (0.00206) [1]	NA	NA
beta-BHC	ND (0.00680) [1]	ND (0.00680) [1]	NA	NA
delta-BHC	0.0131 B (0.00371) [1]	ND (0.00258) [1]	NA	NA
gamma-BHC(Lindane)	0.0144 (0.00330) [1]	ND (0.00330) [1]	NA	NA
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	0.219 JB (1.20) [2]	0.00540 JB (1.20) [2]	NA	NA
Acenaphthylene	ND (1.64) [2]	ND (1.64) [2]	NA	NA
Anthracene	ND (0.280) [2]	ND (0.280) [2]	NA	NA
Benzo(a)anthracene	ND (0.00560) [2]	ND (0.00560) [2]	NA	NA
Benzo(a)pyrene	ND (0.00720) [2]	ND (0.00720) [2]	NA	NA
Benzo(b)fluoranthene	ND (0.0220) [2]	ND (0.0220) [2]	NA	NA
Benzo(g,h,i)perylene	ND (0.0560) [2]	ND (0.0560) [2]	NA	NA
Benzo(k)fluoranthene	ND (0.00320) [2]	ND (0.00320) [2]	NA	NA
Chrysene	ND (0.0980) [2]	ND (0.0980) [2]	NA	NA
Dibenz(a,h)anthracene	ND (0.0170) [2]	ND (0.0170) [2]	NA	NA
Fluoranthene	ND (0.100) [2]	ND (0.100) [2]	NA	NA
Fluorene	ND (0.160) [2]	ND (0.160) [2]	NA	NA
Indeno(1,2,3-cd)pyrene	0.0403 B (0.00740) [2]	0.0409 B (0.00740) [2]	NA	NA
Naphthalene	ND (1.10) [2]	ND (1.10) [2]	NA	NA
Phenanthrene	ND (0.320) [2]	ND (0.320) [2]	NA	NA

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID		
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/L) Pyrene	001	001	001	001	001	001	001	001	001
	01-MW-01	01-MW-02	01-MW-07	01-MW-08	01-MW-03	01-MW-07-01	01-MW-08-01	01-MW-08-01	01-MW-08-01
	01-MW-01-03	01-MW-02-03	01-MW-07-01	01-MW-08-01	01-MW-03	01-MW-07-01	01-MW-08-01	01-MW-08-01	01-MW-08-01
	ND (0.106)	ND (0.106)	ND (0.106)	ND (0.106)	ND (0.106)	ND (0.106)	ND (0.106)	ND (0.106)	ND (0.106)

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008				008				007				007			
	02-GW-03				02-GW-03				03-GW-01				03-GW-02			
	02-GW-03-03R Dup of 02-GW-03-03				02-GW-03-DS-03 Dup of 02-GW-03-03R				03-GW-01-03				03-GW-02-03			
SW8010 - Halogenated Volatile Organics (ug/L)																
1,1,1,2-Tetrachloroethane	0.00220	JB	(	0.0400)	[1]	ND	(	0.0400)	[1]	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	0.0122	JB	(	0.0920)	[1]	ND	(	0.0920)	[1]	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND		(	0.100)	[1]	ND	(	0.100)	[1]	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	ND		(	0.100)	[1]	ND	(	0.100)	[1]	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ND		(	0.0480)	[1]	ND	(	0.0480)	[1]	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ND		(	0.100)	[1]	ND	(	0.100)	[1]	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	ND		(	0.120)	[1]	ND	(	0.120)	[1]	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ND		(	0.170)	[1]	ND	(	0.170)	[1]	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	ND		(	0.0540)	[1]	ND	(	0.0540)	[1]	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ND		(	0.0750)	[1]	ND	(	0.0750)	[1]	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ND		(	0.150)	[1]	ND	(	0.150)	[1]	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ND		(	0.190)	[1]	ND	(	0.190)	[1]	NA	NA	NA	NA	NA	NA	NA
1-Chlorohexane	ND		(	0.120)	[1]	ND	(	0.120)	[1]	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	ND		(	0.170)	[1]	ND	(	0.170)	[1]	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	ND		(	0.530)	[1]	ND	(	0.530)	[1]	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ND		(	0.0680)	[1]	ND	(	0.0680)	[1]	NA	NA	NA	NA	NA	NA	NA
Bromomethane	ND		(	0.0560)	[1]	ND	(	0.0560)	[1]	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	ND		(	0.110)	[1]	ND	(	0.110)	[1]	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ND		(	0.140)	[1]	ND	(	0.140)	[1]	NA	NA	NA	NA	NA	NA	NA
Chloroethane	ND		(	0.110)	[1]	ND	(	0.110)	[1]	NA	NA	NA	NA	NA	NA	NA
Chloroform	ND		(	0.0850)	[1]	ND	(	0.0850)	[1]	NA	NA	NA	NA	NA	NA	NA
Chloromethane	ND		(	0.150)	[1]	ND	(	0.150)	[1]	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	ND		(	0.170)	[1]	ND	(	0.170)	[1]	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	ND		(0.140)	[1]	ND	(0.140)	[1]	NA	NA	NA	NA	NA	NA	NA

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	008	008	007	007
	02-GW-03	02-GW-03	03-GW-01	03-GW-02
	02-GW-03-03R Dup of 02-GW-03-03	02-GW-03-DS-03 Dup of 02-GW-03-03R	03-GW-01-03	03-GW-02-03
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
SW8020 - Aromatic Volatile Organics (ug/L)				

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				007			
	LOCATION ID		SAMPLE ID		008		007	
	02-GW-03		02-GW-03		02-GW-03		03-GW-01	
	02-GW-03-03R Dup of 02-GW-03-03		02-GW-03-DS-03 Dup of 02-GW-03-03R		02-GW-03-03R		03-GW-01-03	
	0.157 B (0.0850)		[1]		0.110 B (0.0850)		[1]	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)	NA		NA		NA		NA	
Xylene (total)	0.157 B (0.0850)		[1]		0.110 B (0.0850)		[1]	
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	NA		NA		NA		NA	
4,4'-DDD	NA		NA		NA		NA	
4,4'-DDE	NA		NA		NA		NA	
4,4'-DDT	NA		NA		NA		NA	
Aldrin	NA		NA		NA		NA	
Chlordane	NA		NA		NA		NA	
Dieldrin	NA		NA		NA		NA	
Endosulfan I	NA		NA		NA		NA	
Endosulfan II	NA		NA		NA		NA	
Endosulfan Sulfate	NA		NA		NA		NA	
Endrin	NA		NA		NA		NA	
Endrin Aldehyde	NA		NA		NA		NA	
Heptachlor	NA		NA		NA		NA	
Heptachlor epoxide	NA		NA		NA		NA	
Methoxychlor	NA		NA		NA		NA	
PCB-1016	NA		NA		NA		NA	
PCB-1221	NA		NA		NA		NA	
PCB-1232	NA		NA		NA		NA	
PCB-1242	NA		NA		NA		NA	
PCB-1248	NA		NA		NA		NA	
PCB-1254	NA		NA		NA		NA	
PCB-1260	NA		NA		NA		NA	

Compiled: 16 March 1995

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[]

= Dilution Factor

ND

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008				007				007			
	02-GW-03				02-GW-03				03-GW-01			
	02-GW-03-03R Dup of 02-GW-03-03				02-GW-03-DS-03 Dup of 02-GW-03-03R				03-GW-01-03			
SW8240 - Volatile Organics, cont. (ug/L)												
Carbon tetrachloride	ND	(1.80)	[1]	ND	(1.80)	[1]	NA	(1.80)	[1]	NA	NA	NA
Chlorobenzene	ND	(1.10)	[1]	ND	(1.10)	[1]	NA	(1.10)	[1]	NA	NA	NA
Chloroethane	ND	(1.40)	[1]	ND	(1.40)	[1]	NA	(1.40)	[1]	NA	NA	NA
Chloroform	ND	(1.00)	[1]	ND	(1.00)	[1]	NA	(1.00)	[1]	NA	NA	NA
Chloromethane	ND	(1.90)	[1]	ND			NA			NA	NA	NA
Dibromochloromethane	ND	(0.900)	[1]	ND	(0.900)	[1]	NA	(0.900)	[1]	NA	NA	NA
Dibromomethane	ND	(1.50)	[1]	ND	(1.50)	[1]	NA	(1.50)	[1]	NA	NA	NA
Diphenylamine/N-NitrosoDPA	NA			ND	(1.90)	[1]	NA	(1.90)	[1]	NA	NA	NA
Ethyl methacrylate	ND	(8.30)	[1]	ND	(8.30)	[1]	NA	(8.30)	[1]	NA	NA	NA
Ethylbenzene	ND	(0.800)	[1]	ND	(0.800)	[1]	NA	(0.800)	[1]	NA	NA	NA
Iodomethane	ND	(2.20)	[1]	ND	(2.20)	[1]	NA	(2.20)	[1]	NA	NA	NA
Methylene chloride	ND	(4.80)	[1]	ND	(4.80)	[1]	NA	(4.80)	[1]	NA	NA	NA
Styrene	ND	(0.700)	[1]	ND	(0.700)	[1]	NA	(0.700)	[1]	NA	NA	NA
Tetrachloroethene	ND	(1.80)	[1]	ND	(1.80)	[1]	NA	(1.80)	[1]	NA	NA	NA
Toluene	ND	(0.900)	[1]	ND	(0.900)	[1]	NA	(0.900)	[1]	NA	NA	NA
Tribromomethane(Bromoform)	ND	(1.20)	[1]	ND	(1.20)	[1]	NA	(1.20)	[1]	NA	NA	NA
Trichloroethene	ND	(1.20)	[1]	ND	(1.20)	[1]	NA	(1.20)	[1]	NA	NA	NA
Trichlorofluoromethane	ND	(2.20)	[1]	ND	(2.20)	[1]	NA	(2.20)	[1]	NA	NA	NA
Vinyl acetate	ND	(3.20)	[1]	ND	(3.20)	[1]	NA	(3.20)	[1]	NA	NA	NA
Vinyl chloride	ND	(1.50)	[1]	ND	(1.50)	[1]	NA	(1.50)	[1]	NA	NA	NA
Xylene (total)	ND	(1.50)	[1]	ND	(1.50)	[1]	NA	(1.50)	[1]	NA	NA	NA
cis-1,3-Dichloropropene	ND	(0.400)	[1]	ND	(0.400)	[1]	NA	(0.400)	[1]	NA	NA	NA
trans-1,2-Dichloroethene	ND	(1.60)	[1]	ND	(1.60)	[1]	NA	(1.60)	[1]	NA	NA	NA
trans-1,3-Dichloropropene	ND	(0.300)	[1]	ND	(0.300)	[1]	NA	(0.300)	[1]	NA	NA	NA

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	008	008	008	007	007	007
SW8240 - Volatile Organics, cont. (ug/L)	02-GW-03	02-GW-03	02-GW-03	03-GW-01	03-GW-02	03-GW-02-03
trans-1,4-Dichloro-2-butene	02-GW-03-03R Dup of 02-GW-03-03	02-GW-03-DS-03 Dup of 02-GW-03-03R	02-GW-03-03	03-GW-01-03	03-GW-02-03	03-GW-02-03
	ND	ND	ND	NA	NA	NA

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			
Diesel Range Organics (ug/L)	NA	NA	NA	31.0 JB (200) [1]
Diesel Range Organics				
Gasoline Range Organics (ug/L)	NA	NA	NA	35.0 JB (100) [1]
Gasoline Range Organics				
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND (0.0400) [1]
1,1,1-Trichloroethane	NA	NA	NA	ND (0.0920) [1]
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.100) [1]
1,1,2-Trichloroethane	NA	NA	NA	ND (0.100) [1]
1,1-Dichloroethane	NA	NA	NA	ND (0.0480) [1]
1,1-Dichloroethene	NA	NA	NA	ND (0.100) [1]
1,2,3-Trichloropropane	NA	NA	NA	ND (0.120) [1]
1,2-Dichlorobenzene	NA	NA	NA	ND (0.170) [1]
1,2-Dichloroethane	NA	NA	NA	ND (0.0540) [1]
1,2-Dichloropropane	NA	NA	NA	ND (0.0750) [1]
1,3-Dichlorobenzene	NA	NA	NA	ND (0.150) [1]
1,4-Dichlorobenzene	NA	NA	NA	ND (0.190) [1]
1-Chlorohexane	NA	NA	NA	ND (0.120) [1]
2-Chloroethyl vinyl ether	NA	NA	NA	ND (0.170) [1]
Bromobenzene	NA	NA	NA	ND (0.530) [1]
Bromodichloromethane	NA	NA	NA	ND (0.0680) [1]
Bromomethane	NA	NA	NA	ND (0.0560) [1]
Carbon tetrachloride	NA	NA	NA	ND (0.110) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			

SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chlorobenzene	NA	NA	NA	ND (0.140) [1]
Chloroethane	NA	NA	NA	ND (0.110) [1]
Chloroform	NA	NA	NA	ND (0.0850) [1]
Chloromethane	NA	NA	NA	ND (0.150) [1]
Dibromochloromethane	NA	NA	NA	ND (0.170) [1]
Dibromomethane	NA	NA	NA	ND (0.140) [1]
Methylene chloride	NA	NA	NA	ND (0.220) [1]
Tetrachloroethene	NA	NA	NA	ND (0.100) [1]
Tribromomethane(Bromoform)	NA	NA	NA	ND (0.140) [1]
Trichloroethene	NA	NA	NA	ND (0.110) [1]
Trichlorofluoromethane	NA	NA	NA	ND (0.0750) [1]
Vinyl chloride	NA	NA	NA	ND (0.200) [1]
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.0740) [1]
trans-1,2-Dichloroethene	NA	NA	NA	ND (0.100) [1]
trans-1,3-Dichloropropene	NA	NA	NA	ND (0.0570) [1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	NA	NA	NA	ND (2.40) [1]
4-Methyl-2-pentanone(MIBK)	NA	NA	NA	ND (1.50) [1]
Ethanol	NA	NA	NA	ND (0.300) [1]
Ethyl ether	NA	NA	NA	ND (1.20) [1]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	NA	NA	NA	ND (0.140) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	NA	NA	ND	(0.130) [1]
1,4-Dichlorobenzene	NA	NA	ND	(0.130) [1]
Benzene	NA	NA	ND	(0.0790) [1]
Chlorobenzene	NA	NA	ND	(0.120) [1]
Ethylbenzene	NA	NA	ND	(0.120) [1]
Toluene	NA	NA	ND	(0.110) [1]
Xylene (total)	NA	NA	ND	(0.130) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.0235) [1]	0.0225 JB	(0.0240) [1]
4,4'-DDE	ND	(0.00480) [1]	ND	(0.00490) [1]
4,4'-DDT	ND	(0.00686) [1]	ND	(0.00640) [1]
Aldrin	ND	(0.00235) [1]	ND	(0.00240) [1]
Chlordane	ND	(0.0294) [1]	ND	(0.0300) [1]
Dieldrin	ND	(0.00549) [1]	ND	(0.00470) [1]
Endosulfan I	ND	(0.00470) [1]	ND	(0.00480) [1]
Endosulfan II	ND	(0.0176) [1]	ND	(0.0180) [1]
Endosulfan Sulfate	ND	(0.0137) [1]	ND	(0.0140) [1]
Endrin	ND	(0.0167) [1]	0.0257	(0.0170) [1]
Endrin Aldehyde	ND	(0.00892) [1]	ND	(0.0110) [1]
Heptachlor	ND	(0.00284) [1]	ND	(0.00290) [1]
Heptachlor epoxide	ND	(0.00324) [1]	ND	(0.00330) [1]
Methoxychlor	ND	(0.0382) [1]	ND	(0.0390) [1]
PCB-1016	ND	(0.0451) [1]	ND	(0.0460) [1]
SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	NA	NA	ND	(0.130) [1]
1,4-Dichlorobenzene	NA	NA	ND	(0.130) [1]
Benzene	NA	NA	ND	(0.0790) [1]
Chlorobenzene	NA	NA	ND	(0.120) [1]
Ethylbenzene	NA	NA	ND	(0.120) [1]
Toluene	NA	NA	ND	(0.110) [1]
Xylene (total)	NA	NA	ND	(0.130) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.00706) [1]	0.0101 B	(0.00926) [1]
4,4'-DDE	ND	(0.00343) [1]	0.0163 B	(0.00532) [1]
4,4'-DDT	ND	(0.00686) [1]	ND	(0.00985) [1]
Aldrin	ND	(0.00402) [1]	ND	(0.00916) [1]
Chlordane	ND	(0.0294) [1]	ND	(0.0296) [1]
Dieldrin	ND	(0.00461) [1]	ND	(0.00788) [1]
Endosulfan I	ND	(0.00470) [1]	ND	(0.00611) [1]
Endosulfan II	ND	(0.0176) [1]	ND	(0.00493) [1]
Endosulfan Sulfate	ND	(0.0137) [1]	0.0147 P	(0.0138) [1]
Endrin	ND	(0.00931) [1]	ND	(0.0118) [1]
Endrin Aldehyde	ND	(0.0108) [1]	ND	(0.00650) [1]
Heptachlor	ND	(0.00255) [1]	ND	(0.0325) [1]
Heptachlor epoxide	0.00890 B	(0.00324) [1]	0.00430 PJB	(0.0246) [1]
Methoxychlor	ND	(0.0382) [1]	ND	(0.0483) [1]
PCB-1016	ND	(0.0451) [1]	ND	(0.0985) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			
	ND (0.0471)	ND (0.0471)	ND (0.0480)	ND (0.187)
	ND (0.0696)	ND (0.0696)	ND (0.0710)	ND (0.0552)
	ND (0.0549)	ND (0.0549)	ND (0.0560)	ND (0.0571)
	ND (0.0529)	ND (0.0529)	ND (0.0540)	ND (0.148)
	ND (0.0725)	ND (0.0725)	ND (0.0740)	ND (0.0778)
	ND (0.0500)	ND (0.0500)	ND (0.0510)	ND (0.0443)
Toxaphene	ND (0.0980)	ND (0.0980)	ND (0.100)	ND (0.00985)
alpha-BHC	ND (0.00196)	ND (0.00196)	ND (0.00200)	ND (0.00345)
beta-BHC	ND (0.0461)	ND (0.0461)	ND (0.0470)	ND (0.00916)
delta-BHC	ND (0.00176)	ND (0.00176)	ND (0.00180)	ND (0.00256)
gamma-BHC(Lindane)	ND (0.00225)	ND (0.00225)	ND (0.00230)	ND (0.00453)

SW8270 - Semivolatile Organics (ug/L)	NA	NA	NA	ND (0.590)
	NA	NA	NA	ND (0.640)
	NA	NA	NA	ND (0.720)
	NA	NA	NA	ND (0.590)
	NA	NA	NA	ND (0.510)
	NA	NA	NA	ND (0.500)
	NA	NA	NA	ND (0.570)
	NA	NA	NA	ND (1.30)
	NA	NA	NA	ND (4.20)
	NA	NA	NA	ND (0.590)
	NA	NA	NA	ND (0.860)
	NA	NA	NA	ND (0.590)
	NA	NA	NA	ND (0.860)
	NA	NA	NA	ND (0.860)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID SAMPLE ID	007 03-GW-03 03-GW-03-03	007 03-GW-04 03-GW-04-03	04 04-MW-02 04-MW-02-03
SW8270 - Semivolatile Organics, cont. (ug/L)				
2-Chloronaphthalene	NA	NA	NA	(0.390)
2-Chlorophenol	NA	NA	NA	(0.640)
2-Methylnaphthalene	NA	NA	NA	(0.360)
2-Methylphenol (o-cresol)	NA	NA	NA	(0.310)
2-Nitroaniline	NA	NA	NA	(0.660)
2-Nitrophenol	NA	NA	NA	(0.520)
3,3'-Dichlorobenzidine	NA	NA	NA	(0.330)
3-Nitroaniline	NA	NA	NA	(0.390)
4,6-Dinitro-2-methylphenol	NA	NA	NA	(0.430)
4-Bromophenyl phenyl ether	NA	NA	NA	(0.490)
4-Chloro-3-methylphenol	NA	NA	NA	(0.520)
4-Chloroaniline	NA	NA	NA	(0.740)
4-Chlorophenyl phenyl ether	NA	NA	NA	(0.420)
4-Methylphenol (p-cresol)	NA	NA	NA	(0.460)
4-Nitroaniline	NA	NA	NA	(0.610)
4-Nitrophenol	NA	NA	NA	(0.940)
Acenaphthene	NA	NA	NA	(0.270)
Acenaphthylene	NA	NA	NA	(0.420)
Anthracene	NA	NA	NA	(0.370)
Benzo(a)anthracene	NA	NA	NA	(0.450)
Benzo(a)pyrene	NA	NA	NA	(0.520)
Benzo(b)fluoranthene	NA	NA	NA	(0.910)
Benzo(g,h,i)perylene	NA	NA	NA	(1.00)
Benzo(k)fluoranthene	NA	NA	NA	(1.00)

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L)	007	007	04	
	03-GW-02	03-GW-04	04-MW-02	
	03-GW-02-DS-03 Dup of	03-GW-03-03	04-MW-02-03	
	03-GW-02-03			
Benzoic acid	NA	NA	ND	(39.0) [1]
Benzyl alcohol	NA	NA	ND	(0.610) [1]
Butylbenzylphthalate	NA	NA	ND	(0.620) [1]
Chrysene	NA	NA	ND	(0.540) [1]
Di-n-butylphthalate	NA	NA	ND	(0.320) [1]
Di-n-octylphthalate	NA	NA	ND	(0.350) [1]
Dibenz(a,h)anthracene	NA	NA	ND	(0.810) [1]
Dibenzofuran	NA	NA	ND	(0.540) [1]
Diethylphthalate	NA	NA	ND	(0.520) [1]
Dimethylphthalate	NA	NA	ND	(0.340) [1]
Fluoranthene	NA	NA	ND	(0.470) [1]
Fluorene	NA	NA	ND	(0.380) [1]
Hexachlorobenzene	NA	NA	ND	(0.310) [1]
Hexachlorobutadiene	NA	NA	ND	(0.510) [1]
Hexachlorocyclopentadiene	NA	NA	ND	(5.90) [1]
Hexachloroethane	NA	NA	ND	(0.630) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	ND	(1.30) [1]
Isophorone	NA	NA	ND	(0.620) [1]
N-Nitroso-di-n-propylamine	NA	NA	ND	(0.650) [1]
N-Nitrosodiphenylamine	NA	NA	ND	(0.270) [1]
Naphthalene	NA	NA	ND	(0.480) [1]
Nitrobenzene	NA	NA	ND	(0.840) [1]
Pentachloropheno[NA	NA	ND	(0.890) [1]
Phenanthrene	NA	NA	ND	(0.470) [1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID				
LOCATION ID				
SAMPLE ID				
PARAMETER				

SW8270 - Semivolatile Organics, cont. (ug/L)				
Pheno1	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA
Dibenz(a,h)anthracene	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA

007 007 007 04				
03-GW-02 03-GW-04 04-MW-02				
03-GW-02-DS-03 Dup of 03-GW-04-03 04-MW-02-03				
03-GW-02-03				

0.0678 JB (0.625) [1]				
ND (0.854) [1]				
ND (0.146) [1]				
0.00120 JB (0.00292) [1]				
ND (0.00375) [1]				
ND (0.0115) [1]				
0.157 (0.0292) [1]				
0.00320 B (0.00167) [1]				
0.0117 J (0.0510) [1]				
0.00120 JB (0.00885) [1]				
ND (0.0521) [1]				
ND (0.0833) [1]				
0.111 B (0.00385) [1]				
0.102 JB (0.573) [1]				
ND (0.167) [1]				
ND (0.0552) [1]				

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	007	04
	03-GW-02	04-MW-02
	03-GW-02-DS-03 Dup of	04-MW-02-03
	03-GW-02-03	
	007	007
	03-GW-03	03-GW-04
	03-GW-03-03	03-GW-04-03

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04				005				005			
	04-MW-03 04-MW-03-03				05-MW-01 05-MW-01-03				05-MW-02 05-MW-02-03			

Diesel Range Organics (ug/L)												
Diesel Range Organics	3.00 JB (	200)	[1]	11.0 JB (	200)	[1]	6.00 JB (	200)	[1]	110 J (	200)	[1]
Gasoline Range Organics (ug/L)												
Gasoline Range Organics	61.0 J (	100)	[1]	690	(	100)	42.0 JB (	100)	[1]	11000	(	100)

SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(	0.0400)	[1]	ND	(	0.0220)	[1]	ND	(	0.0400)	[1]
1,1,1-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.150)	[1]	ND	(	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.100)	[1]	ND	(	0.140)	[1]	ND	(	0.100)	[1]
1,1,2-Trichloroethane	ND	(	0.100)	[1]	ND	(	0.0450)	[1]	ND	(	0.100)	[1]
1,1-Dichloroethane	ND	(	0.0480)	[1]	ND	(	0.0220)	[1]	ND	(	0.0480)	[1]
1,1-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.110)	[1]	ND	(	0.100)	[1]
1,2,3-Trichloropropane	ND	(	0.120)	[1]	ND	(	0.110)	[1]	ND	(	0.120)	[1]
1,2-Dichlorobenzene	ND	(	0.170)	[1]	ND	(	0.0950)	[1]	ND	(	0.170)	[1]
1,2-Dichloroethane	ND	(	0.0540)	[1]	3.17	(	0.0820)	[1]	ND	(	0.0540)	[1]
1,2-Dichloropropane	ND	(	0.0750)	[1]	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]
1,3-Dichlorobenzene	ND	(	0.150)	[1]	ND	(	0.0880)	[1]	ND	(	0.150)	[1]
1,4-Dichlorobenzene	ND	(	0.190)	[1]	ND	(	0.0910)	[1]	ND	(	0.190)	[1]
1-Chlorohexane	ND	(	0.120)	[1]	ND	(	0.0400)	[1]	ND	(	0.120)	[1]
2-Chloroethyl vinyl ether	ND	(	0.170)	[1]	ND	(	0.100)	[1]	ND	(	0.170)	[1]
Bromobenzene	ND	(	0.530)	[1]	ND	(	0.0450)	[1]	ND	(	0.530)	[1]
Bromodichloromethane	ND	(	0.0680)	[1]	ND	(	0.0890)	[1]	ND	(	0.0680)	[1]
Bromomethane	ND	(	0.0560)	[1]	ND	(	0.0860)	[1]	ND	(	0.0560)	[1]
Carbon tetrachloride	ND	(0.110)	[1]	ND	(0.0850)	[1]	ND	(0.110)	[1]
Chlorobenzene	ND	(0.140)	[1]	ND	(0.120)	[1]	ND	(0.140)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04				005				005			
	LOCATION ID SAMPLE ID				LOCATION ID SAMPLE ID				LOCATION ID SAMPLE ID			
	04-MW-03	04-MW-03-03			05-MW-01	05-MW-01-03			05-MW-02	05-MW-02-03		
SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chloroethane	ND	(0.110)	[1]		ND	(0.0800)	[1]		ND	(0.0800)	[1]	
Chloroform	ND	(0.0850)	[1]		ND	(0.0260)	[1]		ND	(0.0260)	[1]	
Chloromethane	ND	(0.150)	[1]		ND	(0.150)	[1]		ND	(0.150)	[1]	
Dibromochloromethane	ND	(0.170)	[1]		ND	(0.0820)	[1]		ND	(0.0820)	[1]	
Dibromomethane	ND	(0.140)	[1]		ND	(0.0740)	[1]		ND	(0.0740)	[1]	
Methylene chloride	ND	(0.220)	[1]		0.000900	PJB (0.220)	[1]		ND	(0.220)	[1]	
Tetrachloroethene	ND	(0.100)	[1]		ND	(0.0750)	[1]		ND	(0.0750)	[1]	
Tribromomethane(Bromoform)	ND	(0.140)	[1]		0.120	PJB (0.140)	[1]		ND	(0.0940)	[1]	
Trichloroethene	0.0185 J	(0.110)	[1]		ND	(0.0730)	[1]		ND	(0.0730)	[1]	
Trichlorofluoromethane	ND	(0.0750)	[1]		ND	(0.0980)	[1]		ND	(0.0980)	[1]	
Vinyl chloride	ND	(0.200)	[1]		ND	(0.150)	[1]		ND	(0.150)	[1]	
cis-1,3-Dichloropropene	ND	(0.0740)	[1]		ND	(0.0800)	[1]		ND	(0.0800)	[1]	
trans-1,2-Dichloroethene	ND	(0.100)	[1]		ND	(0.0870)	[1]		ND	(0.0870)	[1]	
trans-1,3-Dichloropropene	ND	(0.0570)	[1]		ND	(0.0720)	[1]		ND	(0.0720)	[1]	
SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND	(2.40)	[1]		ND	(2.40)	[1]		ND	(2.40)	[1]	
4-Methyl-2-pentanone(MIBK)	ND	(1.50)	[1]		ND	(1.50)	[1]		ND	(1.50)	[1]	
Ethanol	ND	(0.300)	[1]		ND	(0.300)	[1]		ND	(0.300)	[1]	
Ethyl ether	ND	(1.20)	[1]		ND	(1.20)	[1]		ND	(1.20)	[1]	
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.140)	[1]		0.184	PB (0.0710)	[1]		ND	(0.0710)	[1]	
1,3-Dichlorobenzene	ND	(0.130)	[1]		0.151	(0.0990)	[1]		ND	(0.0990)	[1]	
1,4-Dichlorobenzene	ND	(0.130)	[1]		ND	(0.0950)	[1]		ND	(0.0950)	[1]	

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																		
	LOCATION ID		SAMPLE ID																
			005				005				005								
	04		05-MW-01				05-MW-02				05-MW-03								
	04-MW-03		05-MW-01-03				05-MW-02-03				05-MW-03-03								
	04-MW-03-03		05-MW-01-03				05-MW-02-03				05-MW-03-03								

SW8020 - Aromatic Volatile Organics, cont. (ug/L)																			
Benzene	0.0539	JB	(	0.0790)	[1]	256	(	0.700)	[10]	ND	(	0.0700)	[1]	2950	(	17.5)	[250]
Chlorobenzene	ND		(	0.120)	[1]	0.146	(	0.0450)	[1]	ND	(	0.0450)	[1]	ND	(	11.2)	[250]
Ethylbenzene	0.0669	JB	(	0.120)	[1]	1.37	(	0.0680)	[1]	ND	(	0.0680)	[1]	117	(	17.0)	[250]
Toluene	0.0807	JB	(0.110)	[1]	0.271	PB	(0.0480)	[1]	ND	(0.0480)	[1]	1530	(12.0)	[250]	
Xylene (total)	0.257	B	(0.130)	[1]	0.569	B	(0.0850)	[1]	ND	(0.150)	[1]	368	(21.2)	[250]	

SW8080 - Organochlorine Pesticides and PCBs (ug/L)																			
4,4'-DDD	ND		(	0.00913)	[1]	ND	(	0.0239)	[1]	ND	(	0.0239)	[1]	ND	(	0.0238)	[1]
4,4'-DDE	ND		(	0.00524)	[1]	ND	(	0.00348)	[1]	ND	(	0.00488)	[1]	ND	(	0.00485)	[1]
4,4'-DDT	ND		(	0.00971)	[1]	ND	(	0.00696)	[1]	ND	(	0.00696)	[1]	ND	(	0.00693)	[1]
Aldrin	0.00880	PJB	(	0.00903)	[1]	ND	(	0.00408)	[1]	ND	(	0.00239)	[1]	ND	(	0.00406)	[1]
Chlordane	ND		(	0.0291)	[1]	ND	(	0.0298)	[1]	ND	(	0.0298)	[1]	ND	(	0.0297)	[1]
Dieldrin	0.0113		(0.00777)	[1]	0.00920	B	(0.00557)	[1]	ND	(0.00557)	[1]	ND	(0.00465)	[1]	
Endosulfan I	ND		(	0.00602)	[1]	ND	(	0.00478)	[1]	ND	(	0.00478)	[1]	ND	(	0.00475)	[1]
Endosulfan II	ND		(	0.00524)	[1]	ND	(	0.0179)	[1]	ND	(	0.0179)	[1]	ND	(	0.0178)	[1]
Endosulfan Sulfate	0.0106	JB	(	0.0136)	[1]	ND	(	0.0129)	[1]	ND	(	0.0129)	[1]	ND	(	0.0139)	[1]
Endrin	ND		(0.0116)	[1]	0.00480	JB	(0.0169)	[1]	ND	(0.0169)	[1]	ND	(0.0168)	[1]	
Endrin Aldehyde	ND		(	0.00641)	[1]	ND	(	0.0109)	[1]	ND	(	0.0109)	[1]	ND	(	0.0109)	[1]
Heptachlor	0.00930	PJB	(0.0320)	[1]	ND	(0.00259)	[1]	ND	(0.00288)	[1]	0.00870	B	(0.00287)	[1]	
Heptachlor epoxide	0.0174	PJB	(0.0243)	[1]	0.00200	JB	(0.00328)	[1]	ND	(0.00328)	[1]	0.00820	PB	(0.00327)	[1]
Methoxychlor	ND		(	0.0476)	[1]	ND	(	0.0388)	[1]	ND	(	0.0388)	[1]	ND	(	0.0386)	[1]
PCB-1016	ND		(	0.0971)	[1]	ND	(	0.0458)	[1]	ND	(	0.0458)	[1]	ND	(	0.0455)	[1]
PCB-1221	ND		(	0.184)	[1]	ND	(	0.0478)	[1]	ND	(	0.0478)	[1]	ND	(	0.0475)	[1]
PCB-1232	ND		(0.0544)	[1]	ND	(0.0706)	[1]	ND	(0.0706)	[1]	ND	(0.0703)	[1]		
PCB-1242	ND		(0.0563)	[1]	ND	(0.0557)	[1]	ND	(0.0557)	[1]	ND	(0.0554)	[1]		

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	04		005		005		005		005		
	04-MW-03 04-MW-03-03		05-MW-01 05-MW-01-03		05-MW-02 05-MW-02-03		05-MW-03 05-MW-03-03		05-MW-03 05-MW-03-03		

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)											
PCB-1248	ND	(0.146)	[1]	ND	(0.0537)	[1]	ND	(0.0537)	[1]	ND (0.0535)	[1]
PCB-1254	ND	(0.0767)	[1]	ND	(0.0736)	[1]	ND	(0.0736)	[1]	ND (0.0733)	[1]
PCB-1260	ND	(0.0437)	[1]	ND	(0.0507)	[1]	ND	(0.0507)	[1]	ND (0.0505)	[1]
Toxaphene	ND	(0.00971)	[1]	ND	(0.0995)	[1]	ND	(0.0995)	[1]	ND (0.0990)	[1]
alpha-BHC	ND	(0.00388)	[1]	0.0173	(0.00199)	[1]	ND	(0.00199)	[1]	ND (0.00198)	[1]
beta-BHC	ND	(0.00903)	[1]	0.0139 J	(0.0468)	[1]	ND	(0.0468)	[1]	ND (0.0465)	[1]
delta-BHC	0.0182 B	(0.00214)	[1]	0.0190 B	(0.00179)	[1]	ND	(0.00179)	[1]	ND (0.00178)	[1]
gamma-BHC(Lindane)	ND	(0.0126)	[1]	0.0140	(0.00229)	[1]	ND	(0.00229)	[1]	0.0239 (0.00228)	[1]

SW8270 - Semivolatile Organics (ug/L)											
1,2,4-Trichlorobenzene	ND	(0.590)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]	ND (0.599)	[1]
1,2-Dichlorobenzene	ND	(0.640)	[1]	ND	(0.796)	[1]	ND	(0.796)	[1]	ND (0.650)	[1]
1,3-Dichlorobenzene	ND	(0.720)	[1]	ND	(0.398)	[1]	ND	(0.398)	[1]	ND (0.731)	[1]
1,4-Dichlorobenzene	ND	(0.590)	[1]	ND	(0.827)	[1]	ND	(0.827)	[1]	ND (0.599)	[1]
2,4,5-Trichloropheno	ND	(0.510)	[1]	ND	(0.337)	[1]	ND	(0.337)	[1]	ND (0.518)	[1]
2,4,6-Trichloropheno	ND	(0.500)	[1]	ND	(0.357)	[1]	ND	(0.357)	[1]	ND (0.508)	[1]
2,4-Dichloropheno	ND	(0.570)	[1]	ND	(0.449)	[1]	ND	(0.449)	[1]	ND (0.579)	[1]
2,4-Dimethylphenol	ND	(1.30)	[1]	ND	(1.12)	[1]	ND	(1.12)	[1]	4.91 (1.32)	[1]
2,4-Dinitrophenol	ND	(4.20)	[1]	ND	(7.65)	[1]	ND	(7.65)	[1]	ND (4.26)	[1]
2,4-Dinitrotoluene	ND	(0.590)	[1]	ND	(0.561)	[1]	ND	(0.561)	[1]	ND (0.599)	[1]
2,6-Dinitrotoluene	ND	(0.860)	[1]	ND	(0.357)	[1]	ND	(0.357)	[1]	ND (0.873)	[1]
2-Chloronaphthalene	ND	(0.390)	[1]	ND	(0.327)	[1]	ND	(0.327)	[1]	ND (0.396)	[1]
2-Chloropheno	ND	(0.640)	[1]	ND	(0.776)	[1]	ND	(0.776)	[1]	ND (0.650)	[1]
2-Methylnaphthalene	ND	(0.360)	[1]	ND	(0.673)	[1]	ND	(0.673)	[1]	3.59 (0.365)	[1]
2-Methylphenol (o-cresol)	ND	(0.310)	[1]	ND	(0.541)	[1]	ND	(0.541)	[1]	21.4 (0.315)	[1]

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04			005			005			005		
	LOCATION ID SAMPLE ID			LOCATION ID SAMPLE ID			LOCATION ID SAMPLE ID			LOCATION ID SAMPLE ID		
	04-MW-03	04-MW-03-03		05-MW-01	05-MW-01-03		05-MW-02	05-MW-02-03		05-MW-03	05-MW-03-03	
SW8270 - Semivolatile Organics, cont. (ug/L)												
Di-n-octylphthalate	ND	(0.350)	[1]	ND	(0.929)	[1]	ND	(0.929)	[1]	ND	(0.355)	[1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.480)	[1]	ND	(0.480)	[1]	ND	(0.822)	[1]
Dibenzofuran	ND	(0.540)	[1]	ND	(0.418)	[1]	ND	(0.418)	[1]	ND	(0.548)	[1]
Diethylphthalate	ND	(0.520)	[1]	ND	(0.347)	[1]	ND	(0.347)	[1]	ND	(0.528)	[1]
Dimethylphthalate	ND	(0.340)	[1]	ND	(0.286)	[1]	ND	(0.286)	[1]	ND	(0.345)	[1]
Fluoranthene	ND	(0.470)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]	ND	(0.477)	[1]
Fluorene	ND	(0.380)	[1]	ND	(0.347)	[1]	ND	(0.347)	[1]	ND	(0.386)	[1]
Hexachlorobenzene	ND	(0.310)	[1]	ND	(0.235)	[1]	ND	(0.235)	[1]	ND	(0.315)	[1]
Hexachlorobutadiene	ND	(0.510)	[1]	ND	(0.714)	[1]	ND	(0.714)	[1]	ND	(0.518)	[1]
Hexachlorocyclopentadiene	ND	(5.90)	[1]	ND	(9.08)	[1]	ND	(9.08)	[1]	ND	(5.99)	[1]
Hexachloroethane	ND	(0.630)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]	ND	(0.640)	[1]
Indeno(1,2,3-cd)pyrene	ND	(1.30)	[1]	ND	(0.531)	[1]	ND	(0.531)	[1]	ND	(1.32)	[1]
Isophorone	ND	(0.620)	[1]	ND	(0.296)	[1]	ND	(0.296)	[1]	ND	(0.629)	[1]
N-Nitroso-di-n-propylamine	ND	(0.650)	[1]	ND	(0.765)	[1]	ND	(0.765)	[1]	ND	(0.660)	[1]
N-Nitrosodiphenylamine	ND	(0.270)	[1]	ND	(0.571)	[1]	ND	(0.571)	[1]	ND	(0.274)	[1]
Naphthalene	ND	(0.480)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	6.26	(0.487)	[1]
Nitrobenzene	ND	(0.840)	[1]	ND	(0.541)	[1]	ND	(0.541)	[1]	ND	(0.853)	[1]
Pentachloropheno]	ND	(0.890)	[1]	ND	(0.878)	[1]	ND	(0.878)	[1]	ND	(0.904)	[1]
Phenanthrene	ND	(0.470)	[1]	ND	(0.633)	[1]	ND	(0.633)	[1]	ND	(0.477)	[1]
Phenol	ND	(0.880)	[1]	8.70	(0.408)	[1]	ND	(0.408)	[1]	92.5	(0.893)	[1]
Pyrene	ND	(0.410)	[1]	ND	(0.480)	[1]	ND	(0.480)	[1]	ND	(0.416)	[1]
bis(2-Chloroethoxy)methane	ND	(0.610)	[1]	ND	(0.571)	[1]	ND	(0.571)	[1]	ND	(0.619)	[1]
bis(2-Chloroethyl) ether	ND	(0.380)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.386)	[1]
bis(2-Chloroisopropyl) ether	ND	(0.800)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.812)	[1]
bis(2-Ethylhexyl)phthalate	1.53 B	(0.580)	[1]	ND	(1.84)	[1]	ND	(1.84)	[1]	R	(0.589)	[1]

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TABLE A7

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PARAMETER	SITE ID			LOCATION ID			SAMPLE ID		
	04	005	005	05-MW-01	05-MW-02	005	05-MW-01-03	05-MW-02-03	005
	04-MW-03			05-MW-01	05-MW-02				05-MW-03
	04-MW-03-03			05-MW-01-03	05-MW-02-03				05-MW-03-03

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)	0.0911 JB (	0.600)	[1]	NA	NA	NA	NA	NA	NA
Acenaphthene	ND (	0.820)	[1]	NA	NA	NA	NA	NA	NA
Acenaphthylene	ND (	0.140)	[1]	NA	NA	NA	NA	NA	NA
Anthracene	ND (	0.00280)	[1]	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	ND (	0.00360)	[1]	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.00430 B (	0.0110)	[1]	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	ND (	0.0280)	[1]	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	ND (	0.00160)	[1]	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	ND (	0.0490)	[1]	NA	NA	NA	NA	NA	NA
Chrysene	0.00730 J (	0.00850)	[1]	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	ND (	0.0500)	[1]	NA	NA	NA	NA	NA	NA
Fluoranthene	ND (	0.0800)	[1]	NA	NA	NA	NA	NA	NA
Fluorene	0.00340 JB (	0.00370)	[1]	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ND (	0.550)	[1]	NA	NA	NA	NA	NA	NA
Naphthalene	0.113 JB (0.160)	[1]	NA	NA	NA	NA	NA	NA
Phenanthrene	ND (0.0530)	[1]	NA	NA	NA	NA	NA	NA
Pyrene									

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PARAMETER	SITE ID																	
	LOCATION ID				LOCATION ID				LOCATION ID				LOCATION ID					
	SAMPLE ID				SAMPLE ID				SAMPLE ID				SAMPLE ID					
	005				005				005				005					
	05-MW-03				05-MW-04				05-MW-05				05-MW-06					
	05-MW-03-DS-03 Dup of				05-MW-04-03				05-MW-05-03				05-MW-06-03					
	05-MW-03-03																	
Diesel Range Organics (ug/L)	220	(	200)	[1]	1500	(	200)	[1]	770	(	200)	[1]	4.00	JB	(	200)	[1]
Diesel Range Organics																		
Gasoline Range Organics (ug/L)	10000	(	100)	[1]	170000	(	100)	[1]	42000	(	100)	[1]	42.0	JB	(	100)	[1]
Gasoline Range Organics																		
SW8010 - Halogenated Volatile Organics (ug/L)																		
1,1,1,2-Tetrachloroethane	0.00370	JB	(	0.0400)	[1]	0.0408	(	0.0220)	[1]	ND	(	0.0219)	[1]	ND	(	0.0220)	[1]
1,1,1-Trichloroethane	ND		(	0.0920)	[1]	0.368	(	0.150)	[1]	ND	(	0.0920)	[1]	ND	(	0.150)	[1]
1,1,2,2-Tetrachloroethane	0.219		(	0.100)	[1]	ND	(	0.140)	[1]	ND	(	0.144)	[1]	ND	(	0.140)	[1]
1,1,2-Trichloroethane	ND		(0.100)	[1]	0.0308	J	(0.0450)	[1]	ND	(0.100)	[1]	ND	(0.0450)	[1]
1,1-Dichloroethane	0.00200	JB	(0.0480)	[1]	0.00480	JB	(0.0220)	[1]	ND	(0.0480)	[1]	ND	(0.0220)	[1]
1,1-Dichloroethene	ND		(	0.100)	[1]	ND	(	0.110)	[1]	ND	(	0.112)	[1]	ND	(	0.110)	[1]
1,2,3-Trichloropropene	ND		(	0.120)	[1]	ND	(	0.110)	[1]	ND	(	0.120)	[1]	ND	(	0.110)	[1]
1,2-Dichlorobenzene	0.00290	JB	(0.170)	[1]	0.0336	J	(0.0950)	[1]	ND	(0.0949)	[1]	ND	(0.0950)	[1]
1,2-Dichloroethane	0.0130	J	(	0.0540)	[1]	ND	(	0.0820)	[1]	14.5	(	0.0540)	[1]	ND	(	0.0540)	[1]
1,2-Dichloropropene	ND		(	0.0750)	[1]	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]	ND	(	0.0230)	[1]
1,3-Dichlorobenzene	ND		(0.150)	[1]	ND	(0.0880)	[1]	ND	(0.150)	[1]	0.0132	PJ	(0.150)	[1]
1,4-Dichlorobenzene	ND		(	0.190)	[1]	0.127	(	0.0910)	[1]	ND	(	0.0908)	[1]	ND	(	0.0910)	[1]
1-Chlorohexane	0.0816	J	(	0.120)	[1]	0.0685	(	0.0400)	[1]	ND	(	0.0404)	[1]	ND	(	0.0400)	[1]
2-Chloroethyl vinyl ether	ND		(	0.170)	[1]	0.151	(	0.100)	[1]	ND	(	0.170)	[1]	ND	(	0.100)	[1]
Bromobenzene	ND		(	0.530)	[1]	ND	(	0.0450)	[1]	ND	(	0.530)	[1]	ND	(	0.0450)	[1]
Bromodichloromethane	0.00280	J	(0.0680)	[1]	0.0335	J	(0.0890)	[1]	ND	(0.0886)	[1]	ND	(0.0890)	[1]
Bromomethane	ND		(	0.0560)	[1]	ND	(	0.0860)	[1]	ND	(	0.0858)	[1]	ND	(	0.0860)	[1]
Carbon tetrachloride	ND		(	0.110)	[1]	ND	(	0.0850)	[1]	ND	(	0.0854)	[1]	ND	(	0.0850)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	LOCATION ID		SAMPLE ID		005		005		005		
					05-MW-03		05-MW-04		05-MW-06		
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-03-03		05-MW-04-03		05-MW-06-03		
	05-MW-03-03										

SW8010 - Halogenated Volatile Organics, cont. (ug/L)											
Chlorobenzene	0.0245 JB	(0.140)	[1]	ND	(0.120)	[1]	ND	(0.124)	[1]	ND (0.120)	[1]
Chloroethane	ND	(0.110)	[1]	0.194	(0.0800)	[1]	ND	(0.110)	[1]	ND (0.0800)	[1]
Chloroform	ND	(0.0850)	[1]	ND	(0.0260)	[1]	ND	(0.0850)	[1]	ND (0.0260)	[1]
Chloromethane	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]	ND (0.150)	[1]
Dibromochloromethane	ND	(0.170)	[1]	0.0957	(0.0820)	[1]	ND	(0.0820)	[1]	ND (0.0820)	[1]
Dibromomethane	0.0695 JB	(0.140)	[1]	ND	(0.0740)	[1]	ND	(0.140)	[1]	ND (0.0740)	[1]
Methylene chloride	ND	(0.220)	[1]	0.162 B	(0.0840)	[1]	0.149 PJB	(0.220)	[1]	ND (0.220)	[1]
Tetrachloroethene	0.00210 JB	(0.100)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND (0.0750)	[1]
Tribromomethane(Bromoform)	ND	(0.140)	[1]	ND	(0.0940)	[1]	ND	(0.140)	[1]	ND (0.0940)	[1]
Trichloroethene	0.00390 JB	(0.110)	[1]	0.00540 J	(0.0730)	[1]	0.0105 J	(0.110)	[1]	ND (0.0730)	[1]
Trichlorofluoromethane	ND	(0.0750)	[1]	0.0108 JB	(0.0980)	[1]	ND	(0.0750)	[1]	ND (0.0980)	[1]
Vinyl chloride	ND	(0.200)	[1]	ND	(0.150)	[1]	ND	(0.200)	[1]	ND (0.200)	[1]
cis-1,3-Dichloropropene	ND	(0.0740)	[1]	0.0139 J	(0.0800)	[1]	ND	(0.0740)	[1]	ND (0.0800)	[1]
trans-1,2-Dichloroethene	ND	(0.100)	[1]	0.0387 J	(0.0870)	[1]	ND	(0.0870)	[1]	ND (0.0870)	[1]
trans-1,3-Dichloropropene	0.0119 J	(0.0570)	[1]	0.158	(0.0720)	[1]	ND	(0.0719)	[1]	ND (0.0720)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)											
2-Butanone(MEK)	ND	(2.40)	[1]	ND	(2.40)	[1]	ND	(2.40)	[1]	ND (2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(1.50)	[1]	ND	(1.50)	[1]	ND	(1.50)	[1]	ND (1.50)	[1]
Ethanol	ND	(0.300)	[1]	ND	(0.300)	[1]	ND	(0.300)	[1]	ND (0.300)	[1]
Ethyl ether	ND	(1.20)	[1]	ND	(1.20)	[1]	ND	(1.30)	[1]	ND (1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)											
1,2-Dichlorobenzene	ND	(17.8)	[250]	ND	(142)	[2000]	20.0	(7.10)	[100]	ND (0.0710)	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
					05-MW-03		05-MW-04		05-MW-05	
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-03-03				05-MW-05-03	
	05-MW-03-03								05-MW-06-03	

SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	ND	(24.8)	[250]	ND	(198)	[2000]	2.69	PJ	(9.90)	[100]
1,4-Dichlorobenzene	ND	(23.8)	[250]	ND	(190)	[2000]	ND		(16.0)	[100]
Benzene	2270	(17.5)	[250]	33200	(140)	[2000]	17300		(70.0)	[1000]
Chlorobenzene	ND	(11.2)	[250]	ND	(90.0)	[2000]	2.57	PJ	(4.50)	[100]
Ethylbenzene	119	(17.0)	[250]	615	(136)	[2000]	336		(6.80)	[100]
Toluene	1330	(12.0)	[250]	10200	(96.0)	[2000]	3900		(4.80)	[100]
Xylene (total)	374	(21.2)	[250]	1570	(170)	[2000]	923		(8.50)	[100]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0242)	[1]	0.0308	B (0.0236)	[1]	0.101		(0.0245)	[1]
4,4'-DDE	ND	(0.00495)	[1]	0.0113	B (0.00483)	[1]	ND		(0.00357)	[1]
4,4'-DDT	ND	(0.00707)	[1]	0.0196	B (0.00690)	[1]	ND		(0.00714)	[1]
Aldrin	ND	(0.00414)	[1]	0.0205	(0.00236)	[1]	0.0344		(0.00245)	[1]
Chlordane	ND	(0.0303)	[1]	ND	(0.0296)	[1]	ND		(0.0306)	[1]
Dieldrin	ND	(0.00566)	[1]	0.0140	(0.00552)	[1]	ND		(0.00480)	[1]
Endosulfan I	ND	(0.00485)	[1]	ND	(0.00473)	[1]	ND		(0.00490)	[1]
Endosulfan II	ND	(0.0182)	[1]	ND	(0.0177)	[1]	0.00960	J	(0.0184)	[1]
Endosulfan Sulfate	ND	(0.0141)	[1]	ND	(0.0138)	[1]	ND		(0.0133)	[1]
Endrin	ND	(0.0172)	[1]	0.0199	(0.0167)	[1]	ND		(0.00969)	[1]
Endrin Aldehyde	ND	(0.0111)	[1]	0.0190	(0.0108)	[1]	ND		(0.0112)	[1]
Heptachlor	0.00780	B (0.00293)	[1]	0.0139	(0.00286)	[1]	0.0261	P	(0.00265)	[1]
Heptachlor epoxide	0.0111	PB (0.00333)	[1]	0.00420	PB (0.00325)	[1]	0.0237	B	(0.00337)	[1]
Methoxychlor	ND	(0.0394)	[1]	ND	(0.0384)	[1]	ND		(0.0398)	[1]
PCB-1016	ND	(0.0465)	[1]	ND	(0.0453)	[1]	ND		(0.0469)	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
					05-MW-03		05-MW-04		05-MW-05	
	05-MW-03-DS-03 Dup of		05-MW-03-03		05-MW-03-03		05-MW-04-03		05-MW-05-03	

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		005		005		005			
					05-MW-03		05-MW-04		05-MW-05			
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-05-03		05-MW-06-03					
	05-MW-03-03											

SW8270 - Semivolatile Organics, cont. (ug/L)												
2-Chloronaphthalene	ND	(	0.390)	[1]	ND	(	0.328)	[1]	ND	(	0.327)	[1]
2-Chlorophenol	ND	(	0.640)	[1]	ND	(	0.779)	[1]	ND	(	0.637)	[1]
2-Methylnaphthalene	3.21	(	0.360)	[1]	21.7	(	0.677)	[1]	17.2	(	0.358)	[1]
2-Methylphenol (o-cresol)	13.2	(	0.310)	[1]	58.0	(	0.544)	[1]	29.6	(	0.308)	[1]
2-Nitroaniline	ND	(	0.660)	[1]	ND	(	0.410)	[1]	ND	(	0.657)	[1]
2-Nitrophenol	ND	(	0.520)	[1]	ND	(	0.451)	[1]	ND	(	0.517)	[1]
3,3'-Dichlorobenzidine	ND	(	0.330)	[1]	ND	(	0.503)	[1]	ND	(	0.328)	[1]
3-Nitroaniline	ND	(	0.390)	[1]	ND	(	0.523)	[1]	ND	(	0.388)	[1]
4,6-Dinitro-2-methylphenol	ND	(	0.430)	[1]	ND	(	0.872)	[1]	ND	(	0.428)	[1]
4-Bromophenyl phenyl ether	ND	(	0.490)	[1]	ND	(	0.472)	[1]	ND	(	0.488)	[1]
4-Chloro-3-methylphenol	ND	(	0.520)	[1]	ND	(	0.738)	[1]	ND	(	0.517)	[1]
4-Chloroaniline	ND	(	0.740)	[1]	ND	(	0.574)	[1]	ND	(	0.736)	[1]
4-Chlorophenyl phenyl ether	ND	(	0.420)	[1]	ND	(	0.544)	[1]	ND	(	0.418)	[1]
4-Methylphenol (p-cresol)	15.3	(	0.460)	[1]	58.0	F	0.595)	[1]	35.3	F	0.458)	[1]
4-Nitroaniline	ND	(	0.610)	[1]	ND	(	0.492)	[1]	ND	(	0.607)	[1]
4-Nitrophenol	ND	(	0.940)	[1]	4.89	(	0.708)	[1]	ND	(	0.935)	[1]
Acenaphthene	ND	(	0.270)	[1]	ND	(	0.492)	[1]	ND	(	0.269)	[1]
Acenaphthylene	ND	(	0.420)	[1]	ND	(	0.236)	[1]	ND	(	0.418)	[1]
Anthracene	ND	(	0.370)	[1]	ND	(	0.595)	[1]	ND	(	0.368)	[1]
Benzo(a)anthracene	ND	(	0.450)	[1]	ND	(	0.523)	[1]	ND	(	0.448)	[1]
Benzo(a)pyrene	ND	(	0.520)	[1]	ND	(	0.390)	[1]	ND	(	0.517)	[1]
Benzo(b)fluoranthene	ND	(	0.910)	[1]	ND	(	0.585)	[1]	ND	(	0.905)	[1]
Benzo(g,h,i)perylene	ND	(	1.00)	[1]	ND	(	0.503)	[1]	ND	(	0.995)	[1]
Benzo(k)fluoranthene	ND	(	1.00)	[1]	ND	(	0.995)	[1]	ND	(	0.995)	[1]

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

R = Invalid Result, Refer to QC Report

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																				
	LOCATION ID		SAMPLE ID		005		005		005												
	05-MW-13		05-MW-14		05-MW-14		05-MW-14		05-MW-15												
	05-MW-13-01		05-MW-14-01		05-MW-14-01		05-MW-14-DS-01 Dup of		05-MW-15-01												
							05-MW-14-01														
Diesel Range Organics (ug/L)	320	(	200)	[1]	7.00	JB	(	200)	[1]	9.00	JB	(	200)	[1]	36.0	JB	(	200)	[1]	
Diesel Range Organics																					
Gasoline Range Organics (ug/L)	26.0	JB	(	100)	[1]	17.0	JB	(	100)	[1]	18.0	JB	(	100)	[1]	49.0	JB	(	100)	[1]
Gasoline Range Organics																					
SW8010 - Halogenated Volatile Organics (ug/L)																					
1,1,1,2-Tetrachloroethane	ND	(	0.0852)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]	ND	(	0.0852)	[1]	ND	(	0.0852)	[1]
1,1,1-Trichloroethane	0.287	B	(0.166)	[1]	0.363	(0.147)	[1]	ND	(0.147)	[1]	ND	(0.166)	[1]	ND	(0.166)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.129)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]	ND	(	0.129)	[1]	ND	(	0.129)	[1]
1,1,2-Trichloroethane	ND	(	0.123)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]	ND	(	0.123)	[1]	ND	(	0.123)	[1]
1,1-Dichloroethane	ND	(	0.0666)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]	ND	(	0.0666)	[1]	ND	(	0.0666)	[1]
1,1-Dichloroethene	ND	(	0.0501)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]	ND	(	0.0501)	[1]	ND	(	0.0501)	[1]
1,2,3-Trichloropropane	ND	(	0.154)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]
1,2-Dichlorobenzene	ND	(	0.0893)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]	ND	(	0.0893)	[1]	ND	(	0.0893)	[1]
1,2-Dichloroethane	ND	(	0.0800)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]
1,2-Dichloropropane	ND	(	0.0457)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]	ND	(	0.0457)	[1]	ND	(	0.0457)	[1]
1,3-Dichlorobenzene	ND	(	0.0688)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]	ND	(	0.0688)	[1]	ND	(	0.0688)	[1]
1,4-Dichlorobenzene	ND	(	0.0553)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]	ND	(	0.0553)	[1]	ND	(	0.0553)	[1]
1-Chlorohexane	ND	(	0.154)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]
2-Chloroethyl vinyl ether	ND	(	0.194)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]	ND	(	0.194)	[1]	ND	(	0.194)	[1]
Bromobenzene	ND	(	0.132)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]	ND	(	0.132)	[1]	ND	(	0.132)	[1]
Bromodichloromethane	ND	(	0.0448)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0448)	[1]	ND	(	0.0448)	[1]
Bromomethane	ND	(	0.252)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]	ND	(	0.252)	[1]	ND	(	0.252)	[1]
Carbon tetrachloride	ND	(	0.0693)	[1]	ND	(	0.0854)	[1]	ND	(	0.0854)	[1]	ND	(	0.0693)	[1]	ND	(	0.0693)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	005	005	005	005
	05-MW-13	05-MW-14	05-MW-14	05-MW-15
	05-MW-13-01	05-MW-14-01	05-MW-14-DS-01 Dup of	05-MW-15-01
			05-MW-14-01	
Chlorobenzene	ND (0.0513)	[1]	ND (0.124)	[1]
Chloroethane	ND (0.115)	[1]	ND (0.0800)	[1]
Chloroform	ND (0.0533)	[1]	ND (0.0258)	[1]
Chloromethane	ND (0.172)	[1]	0.0163 JB (0.151)	[1]
Dibromochloromethane	ND (0.114)	[1]	ND (0.0820)	[1]
Dibromomethane	ND (0.118)	[1]	ND (0.0742)	[1]
Methylene chloride	0.838 TB (0.0562)	[1]	ND (0.0842)	[1]
Tetrachloroethene	ND (0.0759)	[1]	ND (0.0750)	[1]
Tribromomethane (Bromoform)	ND (0.0281)	[1]	ND (0.0944)	[1]
Trichloroethene	ND (0.103)	[1]	ND (0.0732)	[1]
Trichlorofluoromethane	ND (0.0637)	[1]	ND (0.0980)	[1]
Vinyl chloride	ND (0.158)	[1]	ND (0.151)	[1]
cis-1,3-Dichloropropene	ND (0.0565)	[1]	ND (0.0804)	[1]
trans-1,2-Dichloroethene	ND (0.0448)	[1]	ND (0.0870)	[1]
trans-1,3-Dichloropropene	ND (0.117)	[1]	ND (0.0719)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
	2-Butanone(MEK)	ND (2.38)	[1]	ND (2.38)
	4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]	ND (1.46)
	Ethanol	ND (0.301)	[1]	ND (0.301)
	Ethyl ether	ND (1.16)	[1]	ND (1.16)
SW8020 - Aromatic Volatile Organics (ug/L)				
	1,2-Dichlorobenzene	ND (0.0796)	[1]	ND (0.0784)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	

SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	ND	(0.0756)	[1]	ND	(0.0780)	[1]	ND	(0.0780)	[1]	ND (0.0756) [1]
1,4-Dichlorobenzene	ND	(0.0813)	[1]	ND	(0.0711)	[1]	ND	(0.0711)	[1]	0.0391 JB (0.0813) [1]
Benzene	0.607 B	(0.0519)	[1]	0.0309 JB	(0.0832)	[1]	0.0733 JB	(0.0832)	[1]	0.0240 JB (0.0519) [1]
Chlorobenzene	0.0298 KJB	(0.0452)	[1]	ND	(0.0802)	[1]	0.0199 JB	(0.0802)	[1]	ND (0.0452) [1]
Ethylbenzene	ND	(0.0199)	[1]	ND	(0.0813)	[1]	0.0322 JB	(0.0813)	[1]	ND (0.0436) [1]
Toluene	0.162 B	(0.0647)	[1]	0.0223 JB	(0.0813)	[1]	0.119 B	(0.0813)	[1]	0.0732 B (0.0647) [1]
Xylene (total)	0.173 B	(0.127)	[1]	0.0268 JB	(0.0811)	[1]	0.112 B	(0.0811)	[1]	0.0373 JB (0.127) [1]

SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.597)	[1]	ND	(0.588)	[1]	ND	(0.588)	[1]	ND (0.579) [1]
1,2-Dichlorobenzene	ND	(0.787)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND (0.764) [1]
1,3-Dichlorobenzene	ND	(0.400)	[1]	ND	(0.717)	[1]	ND	(0.717)	[1]	ND (0.388) [1]
1,4-Dichlorobenzene	ND	(0.816)	[1]	ND	(0.588)	[1]	ND	(0.588)	[1]	ND (0.792) [1]
2,4,5-Trichlorophenol	ND	(0.333)	[1]	ND	(0.509)	[1]	ND	(0.509)	[1]	ND (0.324) [1]
2,4,6-Trichlorophenol	ND	(0.353)	[1]	ND	(0.506)	[1]	ND	(0.506)	[1]	ND (0.342) [1]
2,4-Dichlorophenol	ND	(0.447)	[1]	ND	(0.569)	[1]	ND	(0.569)	[1]	ND (0.434) [1]
2,4-Dimethylphenol	ND	(1.11)	[1]	ND	(1.30)	[1]	ND	(1.30)	[1]	ND (1.08) [1]
2,4-Dinitrophenol	ND	(7.07)	[1]	ND	(4.18)	[1]	ND	(4.18)	[1]	ND (6.86) [1]
2,4-Dinitrotoluene	ND	(0.556)	[1]	ND	(0.591)	[1]	ND	(0.591)	[1]	ND (0.539) [1]
2,6-Dinitrotoluene	ND	(0.349)	[1]	ND	(0.861)	[1]	ND	(0.861)	[1]	ND (0.339) [1]
2-Chloronaphthalene	ND	(0.327)	[1]	ND	(0.392)	[1]	ND	(0.392)	[1]	ND (0.318) [1]
2-Chlorophenol	ND	(0.772)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND (0.749) [1]
2-Methylnaphthalene	ND	(0.667)	[1]	ND	(0.364)	[1]	ND	(0.364)	[1]	ND (0.647) [1]
2-Methylphenol (o-cresol)	ND	(0.539)	[1]	ND	(0.310)	[1]	ND	(0.310)	[1]	ND (0.524) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005					005				
	LOCATION ID		SAMPLE ID		005	LOCATION ID		SAMPLE ID		005
	05-MW-13	05-MW-13-01	05-MW-14	05-MW-14-01		05-MW-14	05-MW-14-01	05-MW-14-DS-01 Dup of	05-MW-15-01	
								05-MW-14-01		

SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	ND	(0.406)	[1]	ND	(0.663)	[1]	ND	(0.663)	[1]	ND (0.394)
2-Nitrophenol	ND	(0.444)	[1]	ND	(0.522)	[1]	ND	(0.522)	[1]	ND (0.431)
3,3'-Dichlorobenzidine	ND	(0.495)	[1]	ND	(0.333)	[1]	ND	(0.333)	[1]	ND (0.480)
3-Nitroaniline	ND	(0.514)	[1]	ND	(0.393)	[1]	ND	(0.393)	[1]	ND (0.499)
4,6-Dinitro-2-methylphenol	ND	(0.800)	[1]	ND	(0.430)	[1]	ND	(0.430)	[1]	ND (0.776)
4-Bromophenyl phenyl ether	ND	(0.461)	[1]	ND	(0.484)	[1]	ND	(0.484)	[1]	ND (0.447)
4-Chloro-3-methylphenol	ND	(0.730)	[1]	ND	(0.515)	[1]	ND	(0.515)	[1]	ND (0.709)
4-Chloroaniline	ND	(0.565)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND (0.548)
4-Chlorophenyl phenyl ether	ND	(0.533)	[1]	ND	(0.421)	[1]	ND	(0.421)	[1]	ND (0.518)
4-Methylphenol(p-cresol)	ND	(0.581)	[1]	ND	(0.459)	[1]	ND	(0.459)	[1]	ND (0.564)
4-Nitroaniline	ND	(0.489)	[1]	ND	(0.606)	[1]	ND	(0.606)	[1]	ND (0.475)
4-Nitrophenol	ND	(0.698)	[1]	ND	(0.937)	[1]	ND	(0.937)	[1]	ND (0.677)
Acenaphthene	ND	(0.483)	[1]	ND	(0.272)	[1]	ND	(0.272)	[1]	ND (0.469)
Acenaphthylene	ND	(0.228)	[1]	ND	(0.418)	[1]	ND	(0.418)	[1]	ND (0.222)
Anthracene	ND	(0.587)	[1]	ND	(0.368)	[1]	ND	(0.368)	[1]	ND (0.570)
Benzo(a)anthracene	ND	(0.520)	[1]	ND	(0.449)	[1]	ND	(0.449)	[1]	ND (0.505)
Benzo(a)pyrene	ND	(0.387)	[1]	ND	(0.518)	[1]	ND	(0.518)	[1]	ND (0.375)
Benzo(b)fluoranthene	ND	(0.575)	[1]	ND	(0.908)	[1]	ND	(0.908)	[1]	ND (0.558)
Benzo(g,h,i)perylene	ND	(0.492)	[1]	ND	(1.02)	[1]	ND	(1.02)	[1]	ND (0.477)
Benzo(k)fluoranthene	ND	(0.978)	[1]	ND	(0.999)	[1]	ND	(0.999)	[1]	ND (0.949)
Benzoic acid	ND	(4.00)	[1]	ND	(38.6)	[1]	ND	(38.6)	[1]	ND (3.88)
Benzyol alcohol	ND	(1.09)	[1]	ND	(0.610)	[1]	ND	(0.610)	[1]	ND (1.06)
Butylbenzylphthalate	ND	(0.397)	[1]	ND	(0.625)	[1]	ND	(0.625)	[1]	ND (0.385)
Chrysene	ND	(0.676)	[1]	ND	(0.537)	[1]	ND	(0.537)	[1]	ND (0.656)

Compiled: 16 March 1995

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[] =

Dilution Factor

ND =

Not Detected

NA =

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		005		005	
	05-MW-13	05-MW-13-01	05-MW-14	05-MW-14-01	05-MW-14	05-MW-14-01	05-MW-14-DS-01	Dup of	05-MW-15	05-MW-15-01
SW8270 - Semivolatile Organics, cont. (ug/L)										
Di-n-butylphthalate	ND	(0.498)	[1]	ND	(0.324)	[1]	ND	(0.324)	[1]	ND
Di-n-octylphthalate	ND	(0.920)	[1]	ND	(0.352)	[1]	ND	(0.352)	[1]	ND
Dibenz(a,h)anthracene	ND	(0.479)	[1]	ND	(0.811)	[1]	ND	(0.811)	[1]	ND
Dibenzofuran	ND	(0.412)	[1]	ND	(0.537)	[1]	ND	(0.537)	[1]	ND
Diethylphthalate	ND	(0.339)	[1]	ND	(0.515)	[1]	ND	(0.515)	[1]	ND
Dimethylphthalate	ND	(0.283)	[1]	ND	(0.336)	[1]	ND	(0.336)	[1]	ND
Diphenylamine/N-NitrosodPA	ND	(0.572)	[1]	ND	(0.269)	[1]	ND	(0.269)	[1]	ND
Fluoranthene	ND	(0.644)	[1]	ND	(0.471)	[1]	ND	(0.471)	[1]	ND
Fluorene	ND	(0.339)	[1]	ND	(0.380)	[1]	ND	(0.380)	[1]	ND
Hexachlorobenzene	ND	(0.236)	[1]	ND	(0.314)	[1]	ND	(0.314)	[1]	ND
Hexachlorobutadiene	ND	(0.705)	[1]	ND	(0.512)	[1]	ND	(0.512)	[1]	ND
Hexachlorocyclopentadiene	ND	(9.01)	[1]	ND	(5.89)	[1]	ND	(5.89)	[1]	ND
Hexachloroethane	ND	(0.600)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND
Indeno(1,2,3-cd)pyrene	ND	(0.530)	[1]	ND	(1.33)	[1]	ND	(1.33)	[1]	ND
Isophorone	ND	(0.290)	[1]	ND	(0.616)	[1]	ND	(0.616)	[1]	ND
N-Nitroso-di-n-propylamine	ND	(0.759)	[1]	ND	(0.654)	[1]	ND	(0.654)	[1]	ND
Naphthalene	ND	(0.736)	[1]	ND	(0.478)	[1]	ND	(0.478)	[1]	ND
Nitrobenzene	ND	(0.533)	[1]	ND	(0.842)	[1]	ND	(0.842)	[1]	ND
Pentachloropheno]	ND	(0.873)	[1]	ND	(0.889)	[1]	ND	(0.889)	[1]	ND
Phenanthrene	ND	(0.628)	[1]	ND	(0.468)	[1]	ND	(0.468)	[1]	ND
Phenol	ND	(0.403)	[1]	ND	(0.883)	[1]	ND	(0.883)	[1]	ND
Pyrene	ND	(0.473)	[1]	ND	(0.408)	[1]	ND	(0.408)	[1]	ND
bis(2-Chloroethoxy)methane	ND	(0.568)	[1]	ND	(0.606)	[1]	ND	(0.606)	[1]	ND
bis(2-Chloroethyl)ether	ND	(0.739)	[1]	ND	(0.383)	[1]	ND	(0.383)	[1]	ND

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				008				008				008			
	LOCATION ID				06-MW-01				06-MW-02				06-MW-02-03			
	SAMPLE ID				06-MW-01-03A				06-MW-02-03				06-MW-02-03A			
PARAMETER	Dilution Factor				Detection Limit				Dilution Factor				Detection Limit			
	[]				()				[]				()			
Diesel Range Organics (ug/L)	NA				NA				NA				NA			
Diesel Range Organics	8.00				JB (				200)				[1]			
Gasoline Range Organics (ug/L)	NA				1700				(				100)			
Gasoline Range Organics	4.00				JB (				200)				[1]			
SW8010 - Halogenated Volatile Organics (ug/L)	NA				79.0				J (				100)			
1,1,1,2-Tetrachloroethane	ND				(				4.00)				[100]			
1,1,1-Trichloroethane	ND				(				9.20)				[100]			
1,1,2,2-Tetrachloroethane	ND				(				10.0)				[100]			
1,1,2-Trichloroethane	ND				(				10.0)				[100]			
1,1-Dichloroethane	ND				(				4.80)				[100]			
1,1-Dichloroethene	ND				(				10.0)				[100]			
1,2,3-Trichloropropane	ND				(				12.0)				[100]			
1,2-Dichlorobenzene	ND				(				17.0)				[100]			
1,2-Dichloroethane	ND				(				5.40)				[100]			
1,2-Dichloropropane	ND				(				7.50)				[100]			
1,3-Dichlorobenzene	ND				(				15.0)				[100]			
1,4-Dichlorobenzene	ND				(				19.0)				[100]			
1-Chlorohexane	ND				(				12.0)				[100]			
2-Chloroethyl vinyl ether	ND				(				17.0)				[100]			
Bromobenzene	ND				(				53.0)				[100]			
Bromodichloromethane	ND				(				6.80)				[100]			
Bromomethane	ND				(5.60)				[100]			
Carbon tetrachloride	ND				(11.0)				[100]			
Chlorobenzene	ND				(14.0)				[100]			

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	06-MW-01	06-MW-01	06-MW-01	06-MW-02	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-01-03A	06-MW-02-03	06-MW-02-03	06-MW-02-03A
SW8010 - Halogenated Volatile Organics, cont.: (ug/L)						
Chloroethane	ND (11.0) [100]	NA	ND (0.110) [1]	NA	ND (0.110) [1]	NA
Chloroform	ND (8.50) [100]	NA	ND (0.0850) [1]	NA	ND (0.0850) [1]	NA
Chloromethane	ND (15.0) [100]	NA	ND (0.150) [1]	NA	ND (0.150) [1]	NA
Dibromochloromethane	ND (17.0) [100]	NA	ND (0.170) [1]	NA	ND (0.170) [1]	NA
Dibromomethane	ND (14.0) [100]	NA	ND (0.140) [1]	NA	ND (0.140) [1]	NA
Methylene chloride	ND (22.0) [100]	NA	ND (0.220) [1]	NA	ND (0.220) [1]	NA
Tetrachloroethene	ND (10.0) [100]	NA	ND (0.100) [1]	NA	ND (0.100) [1]	NA
Tribromomethane(Bromoform)	ND (14.0) [100]	NA	ND (0.140) [1]	NA	ND (0.140) [1]	NA
Trichloroethene	3500 (11.0) [100]	NA	9.14 (0.110) [1]	NA	9.14 (0.110) [1]	NA
Trichlorofluoromethane	ND (7.50) [100]	NA	ND (0.0750) [1]	NA	ND (0.0750) [1]	NA
Vinyl chloride	ND (20.0) [100]	NA	ND (0.200) [1]	NA	ND (0.200) [1]	NA
cis-1,3-Dichloropropene	ND (7.40) [100]	NA	ND (0.0740) [1]	NA	ND (0.0740) [1]	NA
trans-1,2-Dichloroethene	143 (10.0) [100]	NA	ND (0.100) [1]	NA	ND (0.100) [1]	NA
trans-1,3-Dichloropropene	ND (5.70) [100]	NA	ND (0.0570) [1]	NA	ND (0.0570) [1]	NA
SW8015 - Nonhalogenated Volatile Organics (mg/L)						
2-Butanone(MEK)	ND (2.40) [1]	NA	ND (2.40) [1]	NA	ND (2.40) [1]	NA
4-Methyl-2-pentanone(MIBK)	ND (1.50) [1]	NA	ND (1.50) [1]	NA	ND (1.50) [1]	NA
Ethanol	ND (0.300) [1]	NA	ND (0.300) [1]	NA	ND (0.300) [1]	NA
Ethyl ether	ND (1.20) [1]	NA	ND (1.20) [1]	NA	ND (1.20) [1]	NA
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND (0.120) [1]	NA	ND (0.0710) [1]	NA	ND (0.0710) [1]	NA
1,3-Dichlorobenzene	ND (0.0990) [1]	NA	ND (0.0990) [1]	NA	ND (0.0990) [1]	NA
1,4-Dichlorobenzene	ND (0.0950) [1]	NA	ND (0.0950) [1]	NA	ND (0.0950) [1]	NA

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A

SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
Benzene	0.482 B (0.0700)	[1]	NA	NA
Chlorobenzene	ND (0.0450)	[1]	ND (0.0700)	[1]
Ethylbenzene	ND (0.0680)	[1]	ND (0.0450)	[1]
Toluene	0.161 B (0.0480)	[1]	ND (0.0680)	[1]
Xylene (total)	0.0333 PJB (0.0850)	[1]	ND (0.100)	[1]
			ND (0.0850)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	0.00290 PJB (0.00598)	[1]	0.101 (0.00577)	[1]
4,4'-DDE	0.00560 JB (0.00629)	[1]	0.00120 PJB (0.00607)	[1]
4,4'-DDT	0.0316 (0.00680)	[1]	0.0227 B (0.00657)	[1]
Aldrin	ND (0.00897)	[1]	ND (0.00866)	[1]
Chlordane	ND (0.00959)	[1]	ND (0.00925)	[1]
Dieldrin	ND (0.00660)	[1]	ND (0.00637)	[1]
Endosulfan I	ND (0.00969)	[1]	ND (0.00308)	[1]
Endosulfan II	ND (0.00701)	[1]	ND (0.00677)	[1]
Endosulfan Sulfate	ND (0.0134)	[1]	ND (0.0129)	[1]
Endrin	ND (0.0113)	[1]	ND (0.0109)	[1]
Endrin Aldehyde	ND (0.00433)	[1]	ND (0.00577)	[1]
Heptachlor	ND (0.00227)	[1]	ND (0.00219)	[1]
Heptachlor epoxide	ND (0.00340)	[1]	ND (0.00328)	[1]
Methoxychlor	ND (0.0412)	[1]	ND (0.0398)	[1]
PCB-1016	ND (0.0567)	[1]	ND (0.0547)	[1]
PCB-1221	ND (0.0763)	[1]	ND (0.0736)	[1]
PCB-1232	ND (0.134)	[1]	ND (0.129)	[1]
PCB-1242	ND (0.0536)	[1]	ND (0.0517)	[1]

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
<hr/>						
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)						
PCB-1248	ND	(0.0289)	[1]	NA	ND	(0.0279) [1] NA
PCB-1254	ND	(0.0412)	[1]	NA	ND	(0.0398) [1] NA
PCB-1260	ND	(0.0546)	[1]	NA	ND	(0.0527) [1] NA
Toxaphene	ND	(0.0351)	[1]	NA	ND	(0.0338) [1] NA
alpha-BHC	0.00810 B	(0.00206)	[1]	NA	ND	(0.00199) [1] NA
beta-BHC	ND	(0.00680)	[1]	NA	ND	(0.00657) [1] NA
delta-BHC	ND	(0.00371)	[1]	NA	ND	(0.00358) [1] NA
gamma-BHC(Lindane)	0.0109 B	(0.00330)	[1]	NA	ND	(0.00318) [1] NA
<hr/>						
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND	(0.621)	[1]	NA	ND	(0.631) [1] NA
1,2-Dichlorobenzene	ND	(0.674)	[1]	NA	ND	(0.684) [1] NA
1,3-Dichlorobenzene	ND	(0.758)	[1]	NA	ND	(0.770) [1] NA
1,4-Dichlorobenzene	ND	(0.621)	[1]	NA	ND	(0.631) [1] NA
2,4,5-Trichlorophenol	ND	(0.537)	[1]	NA	ND	(0.545) [1] NA
2,4,6-Trichlorophenol	ND	(0.526)	[1]	NA	ND	(0.535) [1] NA
2,4-Dichlorophenol	ND	(0.600)	[1]	NA	ND	(0.610) [1] NA
2,4-Dimethylphenol	ND	(1.37)	[1]	NA	ND	(1.39) [1] NA
2,4-Dinitrophenol	ND	(4.42)	[1]	NA	ND	(4.49) [1] NA
2,4-Dinitrotoluene	ND	(0.621)	[1]	NA	ND	(0.631) [1] NA
2,6-Dinitrotoluene	ND	(0.905)	[1]	NA	ND	(0.920) [1] NA
2-Chloronaphthalene	ND	(0.411)	[1]	NA	ND	(0.417) [1] NA
2-Chlorophenol	ND	(0.674)	[1]	NA	ND	(0.684) [1] NA
2-Methylnaphthalene	ND	(0.379)	[1]	NA	ND	(0.385) [1] NA
2-Methylphenol (o-cresol)	ND	(0.326)	[1]	NA	ND	(0.332) [1] NA

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A
PARAMETER				
SW8270 - Semivolatile Organics, cont. (ug/L)				
2-Nitroaniline	ND	NA	ND	NA
2-Nitrophenol	(0.695)	[1]	(0.706)	[1]
3,3'-Dichlorobenzidine	(0.547)	[1]	(0.556)	[1]
3-Nitroaniline	(0.347)	[1]	(0.353)	[1]
4,6-Dinitro-2-methylphenol	(0.411)	[1]	(0.417)	[1]
4-Bromophenyl phenyl ether	(0.453)	[1]	(0.460)	[1]
4-Chloro-3-methylphenol	(0.516)	[1]	(0.524)	[1]
4-Chloroaniline	(0.547)	[1]	(0.556)	[1]
4-Chlorophenyl phenyl ether	(0.779)	[1]	(0.791)	[1]
4-Methylphenol (p-cresol)	(0.442)	[1]	(0.449)	[1]
4-Nitroaniline	(0.484)	[1]	(0.492)	[1]
4-Nitrophenol	(0.642)	[1]	(0.652)	[1]
Acenaphthene	(0.989)	[1]	(1.01)	[1]
Acenaphthylene	(0.284)	[1]	(0.289)	[1]
Anthracene	(0.442)	[1]	(0.449)	[1]
Benzo(a)anthracene	(0.389)	[1]	(0.396)	[1]
Benzo(a)pyrene	(0.474)	[1]	(0.481)	[1]
Benzo(b)fluoranthene	(0.547)	[1]	(0.556)	[1]
Benzo(g,h,i)perylene	(0.958)	[1]	(0.973)	[1]
Benzo(k)fluoranthene	(1.05)	[1]	(1.07)	[1]
Benzoic acid	(1.05)	[1]	(1.07)	[1]
Benzyl alcohol	(41.1)	[1]	(41.7)	[1]
Butylbenzylphthalate	(0.642)	[1]	(0.652)	[1]
Chrysene	(0.653)	[1]	(0.663)	[1]
Di-n-butylphthalate	(0.568)	[1]	(0.578)	[1]
	(0.337)	[1]	(0.342)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	008	008	008	008	008	008
	06-MW-01	06-MW-01	06-MW-01	06-MW-02	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-01-03A	06-MW-02-03	06-MW-02-03A	06-MW-02-03A
SW8270 - Semivolatile Organics, cont. (ug/L)						
Di-n-octylphthalate	ND	NA	ND	(0.374)	[1]	NA
Dibenz(a,h)anthracene	ND	NA	ND	(0.866)	[1]	NA
Dibenzofuran	ND	NA	ND	(0.578)	[1]	NA
Diethylphthalate	ND	NA	ND	(0.556)	[1]	NA
Dimethylphthalate	ND	NA	ND	(0.364)	[1]	NA
Fluoranthene	ND	NA	ND	(0.503)	[1]	NA
Fluorene	ND	NA	ND	(0.406)	[1]	NA
Hexachlorobenzene	ND	NA	ND	(0.332)	[1]	NA
Hexachlorobutadiene	ND	NA	ND	(0.545)	[1]	NA
Hexachlorocyclopentadiene	ND	NA	ND	(6.31)	[1]	NA
Hexachloroethane	ND	NA	ND	(0.674)	[1]	NA
Indeno(1,2,3-cd)pyrene	ND	NA	ND	(1.39)	[1]	NA
Isophorone	ND	NA	ND	(0.663)	[1]	NA
N-Nitroso-di-n-propylamine	ND	NA	ND	(0.695)	[1]	NA
N-Nitrosodiphenylamine	ND	NA	ND	(0.289)	[1]	NA
Naphthalene	ND	NA	ND	(0.513)	[1]	NA
Nitrobenzene	ND	NA	ND	(0.898)	[1]	NA
Pentachloropheno1	ND	NA	ND	(0.952)	[1]	NA
Phenanthrene	ND	NA	ND	(0.503)	[1]	NA
Pheno1	ND	NA	ND	(0.941)	[1]	NA
Pyrene	ND	NA	ND	(0.439)	[1]	NA
bis(2-Chloroethoxy)methane	ND	NA	ND	(0.652)	[1]	NA
bis(2-Chloroethyl)ether	ND	NA	ND	(0.406)	[1]	NA
bis(2-Chloroisopropyl)ether	ND	NA	ND	(0.856)	[1]	NA
bis(2-Ethylhexyl)phthalate	1.36 B	NA	1.21 B	(0.620)	[1]	NA

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	008	008
	06-MW-01	06-MW-02
	06-MW-01-03	06-MW-02-03A

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				SAMPLE ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	008	008	008	008	008	008	008	008	008	008	008	008
	06-MW-03	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-07	06-MW-07-01
	06-MW-03-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-07-01	06-MW-07-01

Diesel Range Organics (ug/L)												
Diesel Range Organics	4.00 JB (	200)	[1]	NA	850	(	200)	[1]	4.00 JB (	200)	[1]	200) [1]
Gasoline Range Organics (ug/L)												
Gasoline Range Organics	47.0 JB (	100)	[1]	NA	2200	(	100)	[1]	45.0 JB (	100)	[1]	100) [1]

SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(	0.0220)	[1]	ND	(	0.0400)	[1]	NA	(	0.0852)	[1]
1,1,1-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	NA	(	0.166)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.140)	[1]	ND	(	0.140)	[1]	NA	0.0760 JB	(	0.129)
1,1,2-Trichloroethane	ND	(	0.0450)	[1]	ND	(	0.100)	[1]	NA	(	0.123)	[1]
1,1-Dichloroethane	ND	(	0.0220)	[1]	ND	(	0.0480)	[1]	NA	(	0.0666)	[1]
1,1-Dichloroethane	ND	(	0.110)	[1]	ND	(	0.100)	[1]	NA	(	0.0501)	[1]
1,2,3-Trichloropropane	ND	(	0.110)	[1]	ND	(	0.120)	[1]	NA	(	0.154)	[1]
1,2-Dichlorobenzene	ND	(	0.0950)	[1]	0.00910 JB	(	0.170)	[1]	NA	(	0.0893)	[1]
1,2-Dichloroethane	ND	(	0.0820)	[1]	0.605	(	0.0540)	[1]	NA	(	0.0800)	[1]
1,2-Dichloropropane	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]	NA	(	0.0457)	[1]
1,3-Dichlorobenzene	ND	(	0.0880)	[1]	ND	(	0.0880)	[1]	NA	(	0.0688)	[1]
1,4-Dichlorobenzene	ND	(	0.0910)	[1]	ND	(	0.190)	[1]	NA	(	0.0553)	[1]
1-Chlorohexane	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]	NA	(	0.154)	[1]
2-Chloroethyl vinyl ether	ND	(	0.100)	[1]	ND	(	0.170)	[1]	NA	(	0.194)	[1]
Bromobenzene	ND	(	0.0450)	[1]	ND	(	0.530)	[1]	NA	(	0.132)	[1]
Bromodichloromethane	ND	(	0.0890)	[1]	ND	(	0.0680)	[1]	NA	(	0.0448)	[1]
Bromomethane	ND	(	0.0860)	[1]	ND	(	0.0560)	[1]	NA	(	0.252)	[1]
Carbon tetrachloride	ND	(0.0850)	[1]	ND	(0.110)	[1]	NA	(0.0693)	[1]
Chlorobenzene	ND	(0.120)	[1]	ND	(0.140)	[1]	NA	(0.0513)	[1]

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PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	008	008	008	008
	06-MW-03	06-MW-04	06-MW-04	06-MW-07
	06-MW-03-03	06-MW-04-03	06-MW-04-03A	06-MW-07-01
Chloroethane	ND (0.110)	[1]	ND (0.110)	[1]
Chloroform	ND (0.0260)	[1]	ND (0.0850)	[1]
Chloromethane	ND (0.150)	[1]	ND (0.150)	[1]
Dibromochloromethane	ND (0.0820)	[1]	ND (0.170)	[1]
Dibromomethane	ND (0.0740)	[1]	ND (0.140)	[1]
Methylene chloride	ND (0.220)	[1]	ND (0.220)	[1]
Tetrachloroethene	ND (0.0750)	[1]	ND (0.100)	[1]
Tribromomethane(Bromoform)	ND (0.0940)	[1]	ND (0.140)	[1]
Trichloroethene	0.313 (0.0730)	[1]	0.0111 J (0.110)	[1]
Trichlorofluoromethane	ND (0.0980)	[1]	ND (0.0750)	[1]
Vinyl chloride	ND (0.150)	[1]	ND (0.200)	[1]
cis-1,3-Dichloropropene	ND (0.0800)	[1]	ND (0.0740)	[1]
trans-1,2-Dichloroethene	ND (0.100)	[1]	ND (0.100)	[1]
trans-1,3-Dichloropropene	ND (0.0720)	[1]	ND (0.0570)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	ND (2.40)	[1]	ND (2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.50)	[1]	ND (1.50)	[1]
Ethanol	ND (0.300)	[1]	ND (0.300)	[1]
Ethyl ether	ND (1.20)	[1]	ND (1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	0.193 B (0.0710)	[1]	12.8 (0.355)	[5]
1,3-Dichlorobenzene	0.0889 JB (0.0990)	[1]	ND (0.650)	[5]
1,4-Dichlorobenzene	0.0869 J (0.0950)	[1]	1.79 (0.475)	[5]

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				008				008				008			
	LOCATION ID		SAMPLE ID		06-MW-03		06-MW-04		06-MW-04		06-MW-04-03A		06-MW-07		06-MW-07-01	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)																
Benzene	3.36	(	0.0700)	[1]	428	(	1.75)	[25]	NA	0.0122	JB	(	0.0519)	[1]		
Chlorobenzene	ND	(	0.130)	[1]	0.301	P	(	0.225)	[5]	NA			(	0.0452)	[1]	
Ethylbenzene	0.0948	B	(	0.0680)	[1]	27.8	(	0.340)	[5]	NA			(	0.0436)	[1]	
Toluene	0.0741	B	(	0.0480)	[1]	1.16	B	(	0.240)	[5]	NA		0.113	B	(	0.0647)
Xylene (total)	0.187	B	(	0.0950)	[1]	149	(	2.12)	[25]	NA			ND	(	0.127)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																
4,4'-DDD	ND	(	0.00792)	[1]	ND	(	0.00571)	[1]	NA	NA			NA			
4,4'-DDE	ND	(	0.00653)	[1]	ND	(	0.00601)	[1]	NA	NA			NA			
4,4'-DDT	ND	(	0.00990)	[1]	0.0163	B	(	0.00650)	[1]	NA			NA			
Aldrin	0.00910	PJB	(	0.00921)	[1]	0.00360	JB	(	0.00522)	[1]	NA		NA			
Chlordane	ND	(	0.0297)	[1]	ND	(	0.00916)	[1]	NA	NA			NA			
Dieldrin	ND	(	0.00792)	[1]	0.0113	(	0.00630)	[1]	NA	NA			NA			
Endosulfan I	ND	(	0.00614)	[1]	ND	(	0.00305)	[1]	NA	NA			NA			
Endosulfan II	0.0331	(	0.00495)	[1]	ND	(	0.00670)	[1]	NA	NA			NA			
Endosulfan Sulfate	0.0347	(	0.0139)	[1]	ND	(	0.0128)	[1]	NA	NA			NA			
Endrin	ND	(	0.0119)	[1]	ND	(	0.0108)	[1]	NA	NA			NA			
Endrin Aldehyde	ND	(	0.00653)	[1]	ND	(	0.00571)	[1]	NA	NA			NA			
Heptachlor	ND	(	0.00535)	[1]	0.00560	PB	(	0.00266)	[1]	NA			NA			
Heptachlor epoxide	0.0428	B	(	0.00337)	[1]	ND	(	0.00325)	[1]	NA			NA			
Methoxychlor	ND	(	0.0485)	[1]	ND	(	0.0394)	[1]	NA	NA			NA			
PCB-1016	ND	(	0.0990)	[1]	ND	(	0.0542)	[1]	NA	NA			NA			
PCB-1221	ND	(0.188)	[1]	ND	(0.0729)	[1]	NA	NA			NA			
PCB-1232	ND	(0.0554)	[1]	ND	(0.128)	[1]	NA	NA			NA			
PCB-1242	ND	(0.0574)	[1]	ND	(0.0512)	[1]	NA	NA			NA			

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PARAMETER	SITE ID					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	008	008	008	008		
	06-MW-03	06-MW-04	06-MW-04	06-MW-07		
	06-MW-03-03	06-MW-04-03	06-MW-04-03A	06-MW-07-01		
	PCB-1248	ND (0.149)	[1]	ND (0.0276)	[1]	NA
	PCB-1254	ND (0.0782)	[1]	ND (0.0394)	[1]	NA
	PCB-1260	ND (0.0446)	[1]	ND (0.0522)	[1]	NA
	Toxaphene	ND (0.00990)	[1]	ND (0.0335)	[1]	NA
	alpha-BHC	0.0173 (0.00396)	[1]	ND (0.00197)	[1]	NA
	beta-BHC	ND (0.00921)	[1]	0.0708 (0.00650)	[1]	NA
	delta-BHC	0.0166 B (0.00218)	[1]	0.0535 (0.00355)	[1]	NA
gamma-BHC(Lindane)	ND (0.00455)	[1]	ND (0.00197)	[1]	NA	
SW8270 - Semivolatile Organics (ug/L)	1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.615)	[1]	ND
	1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.667)	[1]	ND
	1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.750)	[1]	ND
	1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.615)	[1]	ND
	2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.531)	[1]	ND
	2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.521)	[1]	ND
	2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.594)	[1]	ND
	2,4-Dimethylphenol	ND (1.29)	[1]	2.97 (1.35)	[1]	ND
	2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.37)	[1]	ND
	2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.615)	[1]	ND
	2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.896)	[1]	ND
	2-Chloronaphthalene	ND (0.386)	[1]	ND (0.406)	[1]	ND
	2-Chlorophenol	ND (0.634)	[1]	ND (0.667)	[1]	ND
	2-Methylnaphthalene	ND (0.356)	[1]	10.3 (0.375)	[1]	ND
	2-Methylphenol (o-cresol)	ND (0.307)	[1]	ND (0.323)	[1]	ND

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PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008	008	008	008	008
	06-MW-03	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-04	06-MW-07	06-MW-07-01
	06-MW-03-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-04-03	06-MW-07-01	06-MW-07-01
PARAMETER										
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	ND (0.653)	[1]	ND (0.687)	[1]	NA	ND (0.402)	[1]	ND (0.402)	[1]	ND (0.402)
2-Nitrophenol	ND (0.515)	[1]	ND (0.542)	[1]	NA	ND (0.440)	[1]	ND (0.440)	[1]	ND (0.440)
3,3'-Dichlorobenzidine	ND (0.327)	[1]	ND (0.344)	[1]	NA	ND (0.490)	[1]	ND (0.490)	[1]	ND (0.490)
3-Nitroaniline	ND (0.386)	[1]	ND (0.406)	[1]	NA	ND (0.509)	[1]	ND (0.509)	[1]	ND (0.509)
4,6-Dinitro-2-methylphenol	ND (0.426)	[1]	ND (0.448)	[1]	NA	ND (0.792)	[1]	ND (0.792)	[1]	ND (0.792)
4-Bromophenyl phenyl ether	ND (0.485)	[1]	ND (0.510)	[1]	NA	ND (0.456)	[1]	ND (0.456)	[1]	ND (0.456)
4-Chloro-3-methylphenol	ND (0.515)	[1]	ND (0.542)	[1]	NA	ND (0.723)	[1]	ND (0.723)	[1]	ND (0.723)
4-Chloroaniline	ND (0.733)	[1]	ND (0.771)	[1]	NA	ND (0.559)	[1]	ND (0.559)	[1]	ND (0.559)
4-Chlorophenyl phenyl ether	ND (0.416)	[1]	ND (0.437)	[1]	NA	ND (0.528)	[1]	ND (0.528)	[1]	ND (0.528)
4-Methylphenol(p-cresol)	ND (0.455)	[1]	ND (0.479)	[1]	NA	ND (0.575)	[1]	ND (0.575)	[1]	ND (0.575)
4-Nitroaniline	ND (0.604)	[1]	ND (0.635)	[1]	NA	ND (0.484)	[1]	ND (0.484)	[1]	ND (0.484)
4-Nitrophenol	ND (0.931)	[1]	ND (0.979)	[1]	NA	ND (0.691)	[1]	ND (0.691)	[1]	ND (0.691)
Acenaphthene	ND (0.267)	[1]	ND (0.281)	[1]	NA	ND (0.478)	[1]	ND (0.478)	[1]	ND (0.478)
Acenaphthylene	ND (0.416)	[1]	ND (0.437)	[1]	NA	ND (0.226)	[1]	ND (0.226)	[1]	ND (0.226)
Anthracene	ND (0.366)	[1]	ND (0.385)	[1]	NA	ND (0.581)	[1]	ND (0.581)	[1]	ND (0.581)
Benzo(a)anthracene	ND (0.446)	[1]	ND (0.469)	[1]	NA	ND (0.515)	[1]	ND (0.515)	[1]	ND (0.515)
Benzo(a)pyrene	ND (0.515)	[1]	ND (0.542)	[1]	NA	ND (0.383)	[1]	ND (0.383)	[1]	ND (0.383)
Benzo(b)fluoranthene	ND (0.901)	[1]	ND (0.948)	[1]	NA	ND (0.569)	[1]	ND (0.569)	[1]	ND (0.569)
Benzo(g,h,i)perylene	ND (0.990)	[1]	ND (1.04)	[1]	NA	ND (0.487)	[1]	ND (0.487)	[1]	ND (0.487)
Benzo(k)fluoranthene	ND (0.990)	[1]	ND (1.04)	[1]	NA	ND (0.968)	[1]	ND (0.968)	[1]	ND (0.968)
Benzoic acid	ND (38.6)	[1]	ND (40.6)	[1]	NA	ND (3.96)	[1]	ND (3.96)	[1]	ND (3.96)
Benzyl alcohol	ND (0.604)	[1]	ND (0.635)	[1]	NA	ND (1.08)	[1]	ND (1.08)	[1]	ND (1.08)
Butylbenzylphthalate	ND (0.614)	[1]	ND (0.646)	[1]	NA	ND (0.393)	[1]	ND (0.393)	[1]	ND (0.393)
Chrysene	ND (0.535)	[1]	ND (0.562)	[1]	NA	ND (0.669)	[1]	ND (0.669)	[1]	ND (0.669)
Di-n-butylphthalate	ND (0.317)	[1]	ND (0.333)	[1]	NA	ND (0.493)	[1]	ND (0.493)	[1]	ND (0.493)

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	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008		008		008		008		008	
	06-MW-03		06-MW-04		06-MW-04		06-MW-04		06-MW-07	
	06-MW-03-03		06-MW-04-03		06-MW-04-03A		06-MW-04-03A		06-MW-07-01	
SW8270 - Semivolatile Organics, cont. (ug/L)										
Di-n-octylphthalate	ND	(0.347)	[1]	ND	(0.365)	[1]	NA	ND	(0.911)	[1]
Dibenz(a,h)anthracene	ND	(0.802)	[1]	ND	(0.844)	[1]	NA	ND	(0.474)	[1]
Dibenzofuran	ND	(0.535)	[1]	ND	(0.562)	[1]	NA	ND	(0.408)	[1]
Diethylphthalate	ND	(0.515)	[1]	ND	(0.542)	[1]	NA	ND	(0.336)	[1]
Dimethylphthalate	ND	(0.337)	[1]	ND	(0.354)	[1]	NA	ND	(0.280)	[1]
Diphenylamine/N-NitrosodPA	NA			NA			NA	ND	(0.566)	[1]
Fluoranthene	ND	(0.465)	[1]	ND	(0.490)	[1]	NA	ND	(0.638)	[1]
Fluorene	ND	(0.376)	[1]	ND	(0.396)	[1]	NA	ND	(0.336)	[1]
Hexachlorobenzene	ND	(0.307)	[1]	ND	(0.323)	[1]	NA	ND	(0.234)	[1]
Hexachlorobutadiene	ND	(0.505)	[1]	ND	(0.531)	[1]	NA	ND	(0.698)	[1]
Hexachlorocyclopentadiene	ND	(5.84)	[1]	ND	(6.15)	[1]	NA	ND	(8.92)	[1]
Hexachloroethane	ND	(0.624)	[1]	ND	(0.656)	[1]	NA	ND	(0.594)	[1]
Indeno(1,2,3-cd)pyrene	ND	(1.29)	[1]	ND	(1.35)	[1]	NA	ND	(0.525)	[1]
Isophorone	ND	(0.614)	[1]	ND	(0.646)	[1]	NA	ND	(0.287)	[1]
N-Nitroso-di-n-propylamine	ND	(0.644)	[1]	ND	(0.677)	[1]	NA	ND	(0.751)	[1]
N-Nitrosodiphenylamine	ND	(0.267)	[1]	ND	(0.281)	[1]	NA	NA		
Naphthalene	ND	(0.475)	[1]	18.7	(0.500)	[1]	NA	ND	(0.729)	[1]
Nitrobenzene	ND	(0.832)	[1]	ND	(0.875)	[1]	NA	ND	(0.528)	[1]
Pentachlorophenol	ND	(0.881)	[1]	ND	(0.927)	[1]	NA	ND	(0.864)	[1]
Phenanthrene	ND	(0.465)	[1]	ND	(0.490)	[1]	NA	ND	(0.622)	[1]
Phenol	ND	(0.871)	[1]	14.5	(0.917)	[1]	NA	ND	(0.399)	[1]
Pyrene	ND	(0.406)	[1]	ND	(0.427)	[1]	NA	ND	(0.468)	[1]
bis(2-Chloroethoxy)methane	ND	(0.604)	[1]	ND	(0.635)	[1]	NA	ND	(0.562)	[1]
bis(2-Chloroethyl) ether	ND	(0.376)	[1]	ND	(0.396)	[1]	NA	ND	(0.732)	[1]
bis(2-Chloroisopropyl) ether	ND	(0.792)	[1]	ND	(0.833)	[1]	NA	ND	(0.726)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate		008	008	008
		06-MW-03	06-MW-04	06-MW-07
		06-MW-03-03	06-MW-04-03	06-MW-07-01
	ND	(0.574) [1]	ND (0.604) [1]	NA (1.83) [1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID				SAMPLE ID							
	008				3				3							
	06-MW-07				07-MW-01				07-MW-02							
	06-MW-07-DS-01 Dup of				07-MW-01-03				07-MW-02-03							
	07-MW-02-03								07-MW-02-03							

Diesel Range Organics (ug/L)																
Diesel Range Organics	6.00	JB	(	200)	[1]	2.00	JB	(	20.0)	[1]	4.00	JB	(	200)	[1]	
Gasoline Range Organics (ug/L)																
Gasoline Range Organics	21.0	JB	(	100)	[1]	17.0	B	(	10.0)	[1]	39.0	JB	(	100)	[1]	
SW8010 - Halogenated Volatile Organics (ug/L)																
1,1,1,2-Tetrachloroethane	ND	(	0.0852)	[1]	ND	(	0.0285)	[1]	ND	(	0.0220)	[1]	ND	(	0.0220)	[1]
1,1,1-Trichloroethane	ND	(	0.166)	[1]	ND	(	0.138)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.129)	[1]	ND	(	0.0427)	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]
1,1,2-Trichloroethane	ND	(	0.123)	[1]	ND	(	0.0172)	[1]	ND	(	0.0450)	[1]	ND	(	0.0450)	[1]
1,1-Dichloroethane	ND	(	0.0666)	[1]	ND	(	0.0729)	[1]	ND	(	0.0220)	[1]	ND	(	0.0220)	[1]
1,1-Dichloroethene	ND	(	0.0501)	[1]	ND	(	0.0568)	[1]	ND	(	0.110)	[1]	ND	(	0.110)	[1]
1,2,3-Trichloropropane	ND	(	0.154)	[1]	ND	(	0.0367)	[1]	ND	(	0.110)	[1]	ND	(	0.110)	[1]
1,2-Dichlorobenzene	ND	(	0.0893)	[1]	ND	(	0.0288)	[1]	ND	(	0.0950)	[1]	ND	(	0.0950)	[1]
1,2-Dichloroethane	ND	(	0.0800)	[1]	ND	(	0.0286)	[1]	ND	(	0.0820)	[1]	ND	(	0.0820)	[1]
1,2-Dichloropropane	ND	(	0.0457)	[1]	ND	(	0.0320)	[1]	ND	(	0.0230)	[1]	ND	(	0.0230)	[1]
1,3-Dichlorobenzene	ND	(	0.0688)	[1]	ND	(	0.0902)	[1]	ND	(	0.0880)	[1]	ND	(	0.0880)	[1]
1,4-Dichlorobenzene	ND	(	0.0553)	[1]	ND	(	0.0322)	[1]	ND	(	0.0910)	[1]	ND	(	0.0910)	[1]
1-Chlorohexane	ND	(	0.154)	[1]	ND	(	0.0957)	[1]	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]
2-Chloroethyl vinyl ether	ND	(	0.194)	[1]	ND	(	0.0281)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]
Bromobenzene	ND	(	0.132)	[1]	ND	(	0.0693)	[1]	ND	(	0.0450)	[1]	ND	(	0.0450)	[1]
Bromodichloromethane	ND	(	0.0448)	[1]	ND	(	0.0150)	[1]	ND	(	0.0680)	[1]	ND	(	0.0890)	[1]
Bromomethane	ND	(	0.252)	[1]	ND	(	0.161)	[1]	ND	(	0.0860)	[1]	ND	(	0.0860)	[1]
Carbon tetrachloride	ND	(0.0693)	[1]	ND	(0.0444)	[1]	ND	(0.0850)	[1]	ND	(0.0850)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008		3		3		3		3			
	06-MW-07	06-MW-07	07-MW-01	07-MW-02	07-MW-02-03	07-MW-02	07-MW-02-03	07-MW-02	07-MW-02-03	07-MW-02-03 Dup of		
06-MW-07-DS-01 Dup of												
07-MW-02-03												
07-MW-02-03												

SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chlorobenzene	ND	(0.0513)	[1]	ND	(0.0301)	[1]	ND	(0.120)	[1]	ND	(0.120)	[1]
Chloroethane	ND	(0.115)	[1]	ND	(0.0499)	[1]	ND	(0.0800)	[1]	ND	(0.0800)	[1]
Chloroform	ND	(0.0533)	[1]	ND	(0.0512)	[1]	ND	(0.0260)	[1]	ND	(0.0260)	[1]
Chloromethane	ND	(0.172)	[1]	ND	(0.0213)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]
Dibromochloromethane	ND	(0.114)	[1]	ND	(0.0101)	[1]	ND	(0.0820)	[1]	ND	(0.0820)	[1]
Dibromomethane	ND	(0.118)	[1]	0.577 B	(0.0939)	[1]	ND	(0.0740)	[1]	ND	(0.0740)	[1]
Methylene chloride	0.344 B	(0.0562)	[1]	ND	(0.0430)	[1]	ND	(0.220)	[1]	ND	(0.220)	[1]
Tetrachloroethene	ND	(0.0759)	[1]	ND	(0.0381)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]
Tribromomethane(Bromoform)	ND	(0.0281)	[1]	ND	(0.252)	[1]	ND	(0.0940)	[1]	ND	(0.0940)	[1]
Trichloroethene	ND	(0.103)	[1]	ND	(0.0387)	[1]	ND	(0.0730)	[1]	ND	(0.110)	[1]
Trichlorofluoromethane	ND	(0.0637)	[1]	ND	(0.0603)	[1]	ND	(0.0980)	[1]	ND	(0.0980)	[1]
Vinyl chloride	ND	(0.158)	[1]	ND	(0.0761)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]
cis-1,3-Dichloropropene	ND	(0.0565)	[1]	ND	(0.0220)	[1]	ND	(0.0800)	[1]	ND	(0.0800)	[1]
trans-1,2-Dichloroethene	ND	(0.0448)	[1]	ND	(0.160)	[1]	ND	(0.0870)	[1]	ND	(0.0870)	[1]
trans-1,3-Dichloropropene	ND	(0.117)	[1]	ND	(0.0302)	[1]	ND	(0.0720)	[1]	ND	(0.0720)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	NA			1.30 J	(2.38)	[1]	ND	(2.40)	[1]	ND	(2.40)	[1]
4-Methyl-2-pentanone(MIBK)	NA			1.68 B	(1.46)	[1]	ND	(1.50)	[1]	ND	(1.50)	[1]
Ethanol	NA			ND	(0.301)	[1]	ND	(0.300)	[1]	ND	(0.300)	[1]
Ethyl ether	NA			ND	(1.16)	[1]	ND	(1.20)	[1]	ND	(1.20)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.0796)	[1]	ND	(0.0263)	[1]	0.157 B	(0.0710)	[1]	0.247	(0.0710)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	ND (0.0756)	[1]	ND (0.0218)	[1]
1,4-Dichlorobenzene	ND (0.0813)	[1]	ND (0.0131)	[1]
Benzene	0.0485 JB (0.0519)	[1]	ND (0.00980)	[1]
Chlorobenzene	0.0278 KJB (0.0452)	[1]	ND (0.0140)	[1]
Ethylbenzene	0.0386 KJB (0.0436)	[1]	ND (0.0199)	[1]
Toluene	0.208 B (0.0647)	[1]	ND (0.0330)	[1]
Xylene (total)	0.0431 PJB (0.0528)	[1]	ND (0.0528)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	NA	[1]	ND (0.0270)	[1]
4,4'-DDE	NA	[1]	ND (0.00550)	[1]
4,4'-DDT	0.00360 KJB (0.00786)	[1]	ND (0.00786)	[1]
Aldrin	ND (0.00270)	[1]	ND (0.00270)	[1]
Chlordane	ND (0.0337)	[1]	ND (0.0337)	[1]
Dieldrin	0.0137 (0.00629)	[1]	ND (0.00629)	[1]
Endosulfan I	ND (0.00539)	[1]	ND (0.00539)	[1]
Endosulfan II	ND (0.0202)	[1]	ND (0.0202)	[1]
Endosulfan Sulfate	0.00490 KJB (0.0146)	[1]	ND (0.0146)	[1]
Endrin	0.00580 KJ (0.0107)	[1]	ND (0.0107)	[1]
Endrin Aldehyde	ND (0.0124)	[1]	ND (0.0124)	[1]
Heptachlor	ND (0.00292)	[1]	ND (0.00292)	[1]
Heptachlor epoxide	ND (0.00371)	[1]	ND (0.00371)	[1]
Methoxychlor	ND (0.0438)	[1]	ND (0.0438)	[1]
PCB-1016	NA	[1]	ND (0.0517)	[1]
SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	ND (0.0756)	[1]	ND (0.0218)	[1]
1,4-Dichlorobenzene	ND (0.0813)	[1]	ND (0.0131)	[1]
Benzene	0.0485 JB (0.0519)	[1]	ND (0.00980)	[1]
Chlorobenzene	0.0278 KJB (0.0452)	[1]	ND (0.0140)	[1]
Ethylbenzene	0.0386 KJB (0.0436)	[1]	ND (0.0199)	[1]
Toluene	0.208 B (0.0647)	[1]	ND (0.0330)	[1]
Xylene (total)	0.0431 PJB (0.0528)	[1]	ND (0.0528)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	NA	[1]	ND (0.0270)	[1]
4,4'-DDE	NA	[1]	ND (0.00550)	[1]
4,4'-DDT	0.00360 KJB (0.00786)	[1]	ND (0.00786)	[1]
Aldrin	ND (0.00270)	[1]	ND (0.00270)	[1]
Chlordane	ND (0.0337)	[1]	ND (0.0337)	[1]
Dieldrin	0.0137 (0.00629)	[1]	ND (0.00629)	[1]
Endosulfan I	ND (0.00539)	[1]	ND (0.00539)	[1]
Endosulfan II	ND (0.0202)	[1]	ND (0.0202)	[1]
Endosulfan Sulfate	0.00490 KJB (0.0146)	[1]	ND (0.0146)	[1]
Endrin	0.00580 KJ (0.0107)	[1]	ND (0.0107)	[1]
Endrin Aldehyde	ND (0.0124)	[1]	ND (0.0124)	[1]
Heptachlor	ND (0.00292)	[1]	ND (0.00292)	[1]
Heptachlor epoxide	ND (0.00371)	[1]	ND (0.00371)	[1]
Methoxychlor	ND (0.0438)	[1]	ND (0.0438)	[1]
PCB-1016	NA	[1]	ND (0.0517)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			3			3			3		
	06-MW-07 06-MW-07-DS-01 Dup of 07-MW-02-03			07-MW-01 07-MW-01-03			07-MW-02 07-MW-02-03			07-MW-02-DS-03 Dup of 07-MW-02-03		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
PCB-1221	NA	ND	(0.0539)	[1]	ND	(0.190)	[1]	ND	(0.190)	[1]	ND	(0.190)
PCB-1232	NA	ND	(0.0798)	[1]	ND	(0.0560)	[1]	ND	(0.0560)	[1]	ND	(0.0560)
PCB-1242	NA	ND	(0.0629)	[1]	ND	(0.0580)	[1]	ND	(0.0580)	[1]	ND	(0.0580)
PCB-1248	NA	ND	(0.0607)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.150)
PCB-1254	NA	ND	(0.0831)	[1]	ND	(0.0790)	[1]	ND	(0.0790)	[1]	ND	(0.0790)
PCB-1260	NA	ND	(0.0573)	[1]	ND	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(0.0450)
Toxaphene	NA	ND	(0.112)	[1]	ND	(0.0100)	[1]	ND	(0.0100)	[1]	ND	(0.0100)
alpha-BHC	NA	ND	(0.00225)	[1]	ND	(0.00400)	[1]	ND	(0.00400)	[1]	0.0184	(0.00400)
beta-BHC	NA	ND	(0.0528)	[1]	ND	(0.00930)	[1]	ND	(0.00930)	[1]	ND	(0.00930)
delta-BHC	NA	0.0150 B	(0.00202)	[1]	ND	(0.00220)	[1]	ND	(0.00220)	[1]	ND	(0.00220)
gamma-BHC(Lindane)	NA	ND	(0.00427)	[1]	0.00720 B	(0.00460)	[1]	0.00650 PJB	(0.0130)	[1]	ND	(0.0130)
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.579)	[1]	ND	(0.657)	[1]	ND	(0.590)	[1]	ND	(0.611)	[1]
1,2-Dichlorobenzene	ND	(0.764)	[1]	ND	(0.866)	[1]	ND	(0.640)	[1]	ND	(0.663)	[1]
1,3-Dichlorobenzene	ND	(0.388)	[1]	ND	(0.440)	[1]	ND	(0.720)	[1]	ND	(0.746)	[1]
1,4-Dichlorobenzene	ND	(0.792)	[1]	ND	(0.898)	[1]	ND	(0.590)	[1]	ND	(0.611)	[1]
2,4,5-Trichlorophenol	ND	(0.324)	[1]	ND	(0.367)	[1]	ND	(0.510)	[1]	ND	(0.528)	[1]
2,4,6-Trichlorophenol	ND	(0.342)	[1]	ND	(0.388)	[1]	ND	(0.500)	[1]	ND	(0.518)	[1]
2,4-Dichlorophenol	ND	(0.434)	[1]	ND	(0.492)	[1]	ND	(0.570)	[1]	ND	(0.591)	[1]
2,4-Dimethylphenol	ND	(1.08)	[1]	ND	(1.22)	[1]	ND	(1.30)	[1]	ND	(1.35)	[1]
2,4-Dinitrophenol	ND	(6.86)	[1]	ND	(7.78)	[1]	ND	(4.20)	[1]	ND	(4.35)	[1]
2,4-Dinitrotoluene	ND	(0.539)	[1]	ND	(0.611)	[1]	ND	(0.590)	[1]	ND	(0.611)	[1]
2,6-Dinitrotoluene	ND	(0.339)	[1]	ND	(0.384)	[1]	ND	(0.860)	[1]	ND	(0.891)	[1]

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PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	3	3	3	3	3	3	3	3	3
	06-MW-07	07-MW-01	07-MW-02	07-MW-03	07-MW-02	07-MW-03	07-MW-02	07-MW-03	07-MW-02	07-MW-03
	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03
	07-MW-02-03									
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Chloronaphthalene	ND	(0.318)	[1]	ND	(0.360)	[1]	ND	(0.390)	[1]	ND (0.404)
2-Chlorophenol	ND	(0.749)	[1]	ND	(0.849)	[1]	ND	(0.640)	[1]	ND (0.663)
2-Methylnaphthalene	ND	(0.647)	[1]	ND	(0.733)	[1]	ND	(0.360)	[1]	ND (0.373)
2-Methylphenol (o-cresol)	ND	(0.524)	[1]	ND	(0.593)	[1]	ND	(0.310)	[1]	ND (0.321)
2-Nitroaniline	ND	(0.394)	[1]	ND	(0.447)	[1]	ND	(0.660)	[1]	ND (0.684)
2-Nitrophenol	ND	(0.431)	[1]	ND	(0.489)	[1]	ND	(0.520)	[1]	ND (0.539)
3,3'-Dichlorobenzidine	ND	(0.480)	[1]	ND	(0.544)	[1]	ND	(0.330)	[1]	ND (0.342)
3-Nitroaniline	ND	(0.499)	[1]	ND	(0.566)	[1]	ND	(0.390)	[1]	ND (0.404)
4,6-Dinitro-2-methylphenol	ND	(0.776)	[1]	ND	(0.880)	[1]	ND	(0.430)	[1]	ND (0.446)
4-Bromophenyl phenyl ether	ND	(0.447)	[1]	ND	(0.507)	[1]	ND	(0.490)	[1]	ND (0.508)
4-Chloro-3-methylphenol	ND	(0.709)	[1]	ND	(0.803)	[1]	ND	(0.520)	[1]	ND (0.539)
4-Chloroaniline	ND	(0.548)	[1]	ND	(0.621)	[1]	ND	(0.740)	[1]	ND (0.767)
4-Chlorophenyl phenyl ether	ND	(0.518)	[1]	ND	(0.587)	[1]	ND	(0.420)	[1]	ND (0.435)
4-Methylphenol (p-cresol)	ND	(0.564)	[1]	ND	(0.639)	[1]	ND	(0.460)	[1]	ND (0.477)
4-Nitroaniline	ND	(0.475)	[1]	ND	(0.538)	[1]	ND	(0.610)	[1]	ND (0.632)
4-Nitrophenol	ND	(0.677)	[1]	ND	(0.768)	[1]	ND	(0.940)	[1]	ND (0.974)
Acenaphthene	ND	(0.469)	[1]	ND	(0.531)	[1]	ND	(0.270)	[1]	ND (0.280)
Acenaphthylene	ND	(0.222)	[1]	ND	(0.251)	[1]	ND	(0.420)	[1]	ND (0.435)
Anthracene	ND	(0.570)	[1]	ND	(0.646)	[1]	ND	(0.370)	[1]	ND (0.383)
Benzo(a)anthracene	ND	(0.505)	[1]	ND	(0.572)	[1]	ND	(0.450)	[1]	ND (0.466)
Benzo(a)pyrene	ND	(0.375)	[1]	ND	(0.426)	[1]	ND	(0.520)	[1]	ND (0.539)
Benzo(b)fluoranthene	ND	(0.558)	[1]	ND	(0.632)	[1]	ND	(0.910)	[1]	ND (0.943)
Benzo(g,h,i)perylene	ND	(0.477)	[1]	ND	(0.541)	[1]	ND	(1.00)	[1]	ND (1.04)
Benzo(k)fluoranthene	ND	(0.949)	[1]	ND	(1.08)	[1]	ND	(1.00)	[1]	ND (1.04)

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	3						3					
SW8270 - Semivolatile Organics, cont. (ug/L)	008						07-MW-02					
	06-MW-07						07-MW-02-DS-03 Dup of					
Benzoic acid	ND	(	3.88)	[1]	ND	(	4.40)	[1]	ND	(	39.0)	[1]
Benzyl alcohol	ND	(	1.06)	[1]	ND	(	1.20)	[1]	ND	(	0.610)	[1]
Butylbenzylphthalate	ND	(	0.385)	[1]	ND	(	0.437)	[1]	ND	(	0.620)	[1]
Chrysene	ND	(	0.656)	[1]	ND	(	0.743)	[1]	ND	(	0.540)	[1]
Di-n-butylphthalate	ND	(	0.483)	[1]	ND	(	0.548)	[1]	ND	(	0.320)	[1]
Di-n-octylphthalate	ND	(	0.893)	[1]	ND	(	1.01)	[1]	ND	(	0.350)	[1]
Dibenz(a,h)anthracene	ND	(	0.465)	[1]	ND	(	0.527)	[1]	ND	(	0.810)	[1]
Dibenzofuran	ND	(	0.400)	[1]	ND	(	0.453)	[1]	ND	(	0.540)	[1]
Diethylphthalate	ND	(	0.329)	[1]	ND	(	0.373)	[1]	ND	(	0.520)	[1]
Dimethylphthalate	ND	(	0.275)	[1]	ND	(	0.311)	[1]	ND	(	0.340)	[1]
Diphenylamine/N-NitrosoDPA	ND	(	0.555)	[1]	ND	(	0.629)	[1]	NA	(	0.470)	[1]
Fluoranthene	ND	(	0.625)	[1]	ND	(	0.709)	[1]	ND	(	0.380)	[1]
Fluorene	ND	(	0.329)	[1]	ND	(	0.373)	[1]	ND	(	0.310)	[1]
Hexachlorobenzene	ND	(	0.229)	[1]	ND	(	0.260)	[1]	ND	(	0.510)	[1]
Hexachlorobutadiene	ND	(	0.684)	[1]	ND	(	0.776)	[1]	ND	(	5.90)	[1]
Hexachlorocyclopentadiene	ND	(	8.75)	[1]	ND	(	9.91)	[1]	ND	(	0.630)	[1]
Hexachloroethane	ND	(	0.582)	[1]	ND	(	0.660)	[1]	ND	(	1.30)	[1]
Indeno(1,2,3-cd)pyrene	ND	(	0.515)	[1]	ND	(	0.583)	[1]	ND	(	0.620)	[1]
Isophorone	ND	(	0.281)	[1]	ND	(	0.319)	[1]	ND	(	0.650)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.736)	[1]	ND	(	0.834)	[1]	ND	(	0.270)	[1]
N-Nitrosodiphenylamine	NA	(			NA	(			ND	(	0.480)	[1]
Naphthalene	ND	(	0.715)	[1]	ND	(	0.810)	[1]	ND	(	0.840)	[1]
Nitrobenzene	ND	(	0.518)	[1]	ND	(	0.587)	[1]	ND	(	0.890)	[1]
Pentachlorophenol	ND	(	0.847)	[1]	ND	(	0.960)	[1]	ND	(

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			SITE ID			SITE ID		
	LOCATION ID	SAMPLE ID		LOCATION ID	SAMPLE ID		LOCATION ID	SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L)	008	06-MW-07	06-MW-07-DS-01 Dup of 07-MW-02-03	3	07-MW-01	07-MW-01-03	3	07-MW-02	07-MW-02-DS-03 Dup of 07-MW-02-03
	Phenanthrene	ND	(0.610)	[1]	ND	(0.691)	[1]	ND	(0.470)
	Phenol	ND	(0.391)	[1]	ND	(0.443)	[1]	ND	(0.880)
	Pyrene	ND	(0.459)	[1]	ND	(0.520)	[1]	ND	(0.410)
	bis(2-Chloroethoxy)methane	ND	(0.551)	[1]	ND	(0.624)	[1]	ND	(0.610)
	bis(2-Chloroethyl)ether	ND	(0.718)	[1]	ND	(0.813)	[1]	ND	(0.380)
	bis(2-Chloroisopropyl)ether	ND	(0.712)	[1]	ND	(0.807)	[1]	ND	(0.800)
	bis(2-Ethylhexyl)phthalate	ND	(1.79)	[1]	4.62 B	(2.03)	[1]	ND	(0.580)
								1.48 B	(0.601)

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																
	LOCATION ID				SAMPLE ID				3				3				
	07-MW-03		07-MW-04		07-SW-03		07-SW-04		07-SW-03-01		07-SW-04-01		07-SW-03-01		07-SW-04-01		
	3	07-MW-03	07-MW-04	07-SW-03	07-SW-04	07-SW-03-01	07-SW-04-01	3	07-SW-03	07-SW-04	07-SW-03-01	07-SW-04-01	3	07-SW-03	07-SW-04	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
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	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
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	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
	3	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01	3	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01					

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

		SITE ID	
		LOCATION ID	SAMPLE ID
		3	3
		07-MW-03	07-SW-04
		07-MW-03-03	07-SW-04-01
		07-MW-03-03	07-SW-03-01
		07-MW-04-03	
		07-MW-04-03	
		07-MW-04-03	
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		07-MW-04-03	
		07-MW-04-03	

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	ND	(0.00980)	[1]	ND	(0.0697)	[1]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0449)	[1]
Ethylbenzene	0.0757 PB	(0.0199)	[1]	0.0276 JB	(0.0678)	[1]
Toluene	0.0328 KJB	(0.0647)	[1]	0.0360 JB	(0.0480)	[1]
Xylene (total)	0.272 B	(0.0528)	[1]	0.144 B	(0.0848)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.0194 JB	(0.0250)	[1]	ND	(0.00627)	[1]
4,4'-DDE	ND	(0.00510)	[1]	ND	(0.00658)	[1]
4,4'-DDT	ND	(0.00667)	[1]	ND	(0.00705)	[1]
Aldrin	ND	(0.00250)	[1]	ND	(0.00568)	[1]
Chlordane	ND	(0.0312)	[1]	ND	(0.0100)	[1]
Dieldrin	0.0109	(0.00583)	[1]	ND	(0.00683)	[1]
Endosulfan I	ND	(0.00500)	[1]	ND	(0.00330)	[1]
Endosulfan II	ND	(0.0187)	[1]	ND	(0.00730)	[1]
Endosulfan Sulfate	ND	(0.0135)	[1]	ND	(0.0143)	[1]
Endrin	0.00490 KJB	(0.00990)	[1]	ND	(0.0117)	[1]
Endrin Aldehyde	ND	(0.0115)	[1]	ND	(0.00625)	[1]
Heptachlor	0.00860 B	(0.00302)	[1]	ND	(0.00291)	[1]
Heptachlor epoxide	0.00610 PB	(0.00344)	[1]	ND	(0.00356)	[1]
Methoxychlor	ND	(0.0406)	[1]	ND	(0.0432)	[1]
PCB-1016	ND	(0.0479)	[1]	ND	(0.0591)	[1]
PCB-1221	ND	(0.0500)	[1]	ND	(0.0790)	[1]
PCB-1232	ND	(0.0740)	[1]	ND	(0.137)	[1]
PCB-1242	ND	(0.0583)	[1]	ND	(0.0557)	[1]
SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	ND	(0.00980)	[1]	ND	(0.0697)	[1]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0449)	[1]
Ethylbenzene	0.0757 PB	(0.0199)	[1]	0.0276 JB	(0.0678)	[1]
Toluene	0.0328 KJB	(0.0647)	[1]	0.0360 JB	(0.0480)	[1]
Xylene (total)	0.272 B	(0.0528)	[1]	0.144 B	(0.0848)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.0194 JB	(0.0250)	[1]	ND	(0.00627)	[1]
4,4'-DDE	ND	(0.00510)	[1]	ND	(0.00658)	[1]
4,4'-DDT	ND	(0.00667)	[1]	ND	(0.00705)	[1]
Aldrin	ND	(0.00250)	[1]	ND	(0.00568)	[1]
Chlordane	ND	(0.0312)	[1]	ND	(0.0100)	[1]
Dieldrin	0.0109	(0.00583)	[1]	ND	(0.00683)	[1]
Endosulfan I	ND	(0.00500)	[1]	ND	(0.00330)	[1]
Endosulfan II	ND	(0.0187)	[1]	ND	(0.00730)	[1]
Endosulfan Sulfate	ND	(0.0135)	[1]	ND	(0.0143)	[1]
Endrin	0.00490 KJB	(0.00990)	[1]	ND	(0.0117)	[1]
Endrin Aldehyde	ND	(0.0115)	[1]	ND	(0.00625)	[1]
Heptachlor	0.00860 B	(0.00302)	[1]	ND	(0.00291)	[1]
Heptachlor epoxide	0.00610 PB	(0.00344)	[1]	ND	(0.00356)	[1]
Methoxychlor	ND	(0.0406)	[1]	ND	(0.0432)	[1]
PCB-1016	ND	(0.0479)	[1]	ND	(0.0591)	[1]
PCB-1221	ND	(0.0500)	[1]	ND	(0.0790)	[1]
PCB-1232	ND	(0.0740)	[1]	ND	(0.137)	[1]
PCB-1242	ND	(0.0583)	[1]	ND	(0.0557)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
<hr/>												
SW8080 -- Organochlorine Pesticides and PCBs, cont. (ug/L)												
PCB-1248	ND	(0.0562)	[1]	ND	(0.0297)	[1]	NA	NA				
PCB-1254	ND	(0.0771)	[1]	ND	(0.0427)	[1]	NA	NA				
PCB-1260	ND	(0.0531)	[1]	ND	(0.0566)	[1]	NA	NA				
Toxaphene	ND	(0.104)	[1]	ND	(0.0363)	[1]	NA	NA				
alpha-BHC	ND	(0.00146)	[1]	ND	(0.00189)	[1]	NA	NA				
beta-BHC	0.0117 J	(0.0490)	[1]	ND	(0.00714)	[1]	NA	NA				
delta-BHC	ND	(0.00187)	[1]	ND	(0.00269)	[1]	NA	NA				
gamma-BHC(Lindane)	0.0200	(0.00240)	[1]	ND	(0.00214)	[1]	NA	NA				
<hr/>												
SW8270 -- Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.642)	[1]	ND	(0.579)	[1]	ND	(0.588)	[1]	ND	(0.591)	[1]
1,2-Dichlorobenzene	ND	(0.847)	[1]	ND	(0.626)	[1]	ND	(0.775)	[1]	ND	(0.779)	[1]
1,3-Dichlorobenzene	ND	(0.430)	[1]	ND	(0.706)	[1]	ND	(0.394)	[1]	ND	(0.396)	[1]
1,4-Dichlorobenzene	ND	(0.878)	[1]	ND	(0.579)	[1]	ND	(0.804)	[1]	ND	(0.808)	[1]
2,4,5-Trichlorophenol	ND	(0.359)	[1]	ND	(0.501)	[1]	ND	(0.328)	[1]	ND	(0.330)	[1]
2,4,6-Trichlorophenol	ND	(0.379)	[1]	ND	(0.499)	[1]	ND	(0.347)	[1]	ND	(0.349)	[1]
2,4-Dichlorophenol	ND	(0.482)	[1]	ND	(0.561)	[1]	ND	(0.441)	[1]	ND	(0.443)	[1]
2,4-Dimethylphenol	ND	(1.20)	[1]	ND	(1.28)	[1]	ND	(1.09)	[1]	ND	(1.10)	[1]
2,4-Dinitrophenol	ND	(7.61)	[1]	ND	(4.12)	[1]	ND	(6.97)	[1]	ND	(7.00)	[1]
2,4-Dinitrotoluene	ND	(0.598)	[1]	ND	(0.582)	[1]	ND	(0.547)	[1]	ND	(0.550)	[1]
2,6-Dinitrotoluene	ND	(0.376)	[1]	ND	(0.848)	[1]	ND	(0.344)	[1]	ND	(0.346)	[1]
2-Chloronaphthalene	ND	(0.352)	[1]	ND	(0.386)	[1]	ND	(0.322)	[1]	ND	(0.324)	[1]
2-Chlorophenol	ND	(0.830)	[1]	ND	(0.626)	[1]	ND	(0.760)	[1]	ND	(0.764)	[1]
2-Methylnaphthalene	3.21	(0.717)	[1]	ND	(0.359)	[1]	ND	(0.657)	[1]	0.590 J	(0.660)	[1]
2-Methylphenol (o-cresol)	ND	(0.580)	[1]	ND	(0.305)	[1]	ND	(0.531)	[1]	ND	(0.534)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	3	3	3	3
	07-MW-03	07-MW-04	07-SW-03	07-SW-04
	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
2-Nitroaniline	ND (0.437) [1]	ND (0.653) [1]	ND (0.400) [1]	ND (0.402) [1]
2-Nitrophenol	ND (0.478) [1]	ND (0.514) [1]	ND (0.438) [1]	ND (0.440) [1]
3,3'-Dichlorobenzidine	ND (0.533) [1]	ND (0.328) [1]	ND (0.488) [1]	ND (0.490) [1]
3-Nitroaniline	ND (0.553) [1]	ND (0.387) [1]	ND (0.506) [1]	ND (0.509) [1]
4,6-Dinitro-2-methylphenol	ND (0.861) [1]	ND (0.424) [1]	ND (0.788) [1]	ND (0.792) [1]
4-Bromophenyl phenyl ether	ND (0.496) [1]	ND (0.477) [1]	ND (0.454) [1]	ND (0.456) [1]
4-Chloro-3-methylphenol	ND (0.786) [1]	ND (0.507) [1]	ND (0.719) [1]	ND (0.723) [1]
4-Chloroaniline	ND (0.608) [1]	ND (0.734) [1]	ND (0.556) [1]	ND (0.559) [1]
4-Chlorophenyl phenyl ether	ND (0.574) [1]	ND (0.415) [1]	ND (0.525) [1]	ND (0.528) [1]
4-Methylphenol(p-cresol)	ND (0.625) [1]	ND (0.452) [1]	ND (0.572) [1]	ND (0.575) [1]
4-Nitroaniline	ND (0.526) [1]	ND (0.597) [1]	ND (0.482) [1]	ND (0.484) [1]
4-Nitrophenol	ND (0.751) [1]	ND (0.923) [1]	ND (0.688) [1]	ND (0.691) [1]
Acenaphthene	ND (0.520) [1]	ND (0.268) [1]	ND (0.476) [1]	ND (0.478) [1]
Acenaphthylene	ND (0.246) [1]	ND (0.412) [1]	ND (0.225) [1]	ND (0.226) [1]
Anthracene	ND (0.632) [1]	ND (0.363) [1]	ND (0.578) [1]	ND (0.581) [1]
Benzo(a)anthracene	ND (0.560) [1]	ND (0.442) [1]	ND (0.512) [1]	ND (0.515) [1]
Benzo(a)pyrene	ND (0.416) [1]	ND (0.510) [1]	ND (0.381) [1]	ND (0.383) [1]
Benzo(b)fluoranthene	ND (0.618) [1]	ND (0.895) [1]	ND (0.566) [1]	ND (0.569) [1]
Benzo(g,h,i)perylene	ND (0.529) [1]	ND (1.00) [1]	ND (0.485) [1]	ND (0.487) [1]
Benzo(k)fluoranthene	ND (1.05) [1]	ND (0.984) [1]	ND (0.963) [1]	ND (0.968) [1]
Benzoic acid	ND (4.30) [1]	ND (38.0) [1]	ND (3.94) [1]	ND (3.96) [1]
Benzyl alcohol	ND (1.17) [1]	ND (0.601) [1]	ND (1.07) [1]	ND (1.08) [1]
Butylbenzylphthalate	ND (0.427) [1]	ND (0.616) [1]	ND (0.391) [1]	ND (0.393) [1]
Chrysene	ND (0.727) [1]	ND (0.529) [1]	ND (0.666) [1]	ND (0.669) [1]
Di-n-butylphthalate	ND (0.536) [1]	ND (0.319) [1]	ND (0.491) [1]	ND (0.493) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	3	3	3	3
	07-MW-03	07-MW-03-03	07-MW-04	07-SW-04
	07-MW-03-03	07-MW-03-03	07-MW-04-03	07-SW-04-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
Di-n-octylphthalate	ND	(0.990)	ND	(0.347)
Dibenz(a,h)anthracene	ND	(0.515)	ND	(0.799)
Dibenzofuran	ND	(0.443)	ND	(0.529)
Diethylphthalate	ND	(0.365)	ND	(0.507)
Dimethylphthalate	ND	(0.304)	ND	(0.331)
Diphenylamine/N-NitrosodPA	ND	(0.615)	ND	(0.265)
Fluoranthene	ND	(0.593)	ND	(0.464)
Fluorene	ND	(0.365)	ND	(0.374)
Hexachlorobenzene	ND	(0.254)	ND	(0.309)
Hexachlorobutadiene	ND	(0.759)	ND	(0.504)
Hexachlorocyclopentadiene	ND	(9.70)	ND	(5.80)
Hexachloroethane	ND	(0.646)	ND	(0.626)
Indeno(1,2,3-cd)pyrene	ND	(0.571)	ND	(1.31)
Isophorone	ND	(0.312)	ND	(0.607)
N-Nitroso-di-n-propylamine	ND	(0.816)	ND	(0.644)
Naphthalene	4.99	(0.792)	ND	(0.471)
Nitrobenzene	ND	(0.574)	ND	(0.830)
Pentachlorophenol	ND	(0.939)	ND	(0.876)
Phenanthrene	ND	(0.676)	ND	(0.461)
Phenol	ND	(0.434)	ND	(0.870)
Pyrene	ND	(0.509)	ND	(0.402)
bis(2-Chloroethoxy)methane	ND	(0.611)	ND	(0.597)
bis(2-Chloroethyl)ether	ND	(0.796)	ND	(0.377)
bis(2-Chloroisopropyl)ether	ND	(0.789)	ND	(0.786)
bis(2-Ethylhexyl)phthalate	2.65 B	(1.99)	1.07 B	(0.572)
			0.477 JB	(1.82)
			0.649 J	(0.725)
			ND	(0.525)
			ND	(0.860)
			ND	(0.619)
			ND	(0.397)
			ND	(0.466)
			ND	(0.559)
			ND	(0.728)
			ND	(0.722)
			0.932 JB	(1.83)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	3	3
	07-MW-03	07-SW-04
	07-MW-03-03	07-SW-04-01
		07-SW-03-01

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	3				3				7			
	07-SW-05		07-SW-06		07-SW-07		08-GP-01					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID				

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	3	3	3	7
	07-SW-05	07-SW-06	07-SW-07	08-GP-01
	07-SW-05-01	07-SW-06-01	07-SW-07-01	08-GP-01-01

SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chloroethane	ND (0.0800)	ND (0.0800)	ND (0.0800)	ND (0.0800)
Chloroform	ND (0.0258)	ND (0.0258)	ND (0.0258)	ND (0.0258)
Chloromethane	ND (0.151)	ND (0.151)	ND (0.151)	ND (0.151)
Dibromochloromethane	ND (0.0820)	ND (0.0820)	ND (0.0820)	ND (0.0820)
Dibromomethane	ND (0.0742)	ND (0.0742)	ND (0.0742)	ND (0.0742)
Methylene chloride	1.06 TB (0.0842)	1.12 TB (0.0842)	1.19 TB (0.0842)	ND (0.0562)
Tetrachloroethene	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)
Tribromomethane(Bromoform)	ND (0.0944)	ND (0.0944)	ND (0.0944)	ND (0.0944)
Trichloroethene	ND (0.0732)	ND (0.0732)	ND (0.0732)	ND (0.0732)
Trichlorofluoromethane	ND (0.0980)	ND (0.0980)	ND (0.0980)	ND (0.0980)
Vinyl chloride	ND (0.151)	ND (0.151)	ND (0.151)	ND (0.151)
cis-1,3-Dichloropropene	ND (0.0804)	ND (0.0804)	ND (0.0804)	ND (0.0804)
trans-1,2-Dichloroethene	ND (0.0870)	ND (0.0870)	ND (0.0870)	ND (0.0870)
trans-1,3-Dichloropropene	ND (0.0719)	ND (0.0719)	ND (0.0719)	ND (0.0719)
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	NA	NA	NA	ND (2.38)
4-Methyl-2-pentanone(MIBK)	NA	NA	NA	ND (1.46)
Ethanol	NA	NA	NA	ND (0.301)
Ethyl ether	NA	NA	NA	ND (1.16)
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND (0.0784)	ND (0.0784)	ND (0.0784)	0.0465 KJB (0.0796)
1,3-Dichlorobenzene	0.0541 KJB (0.0756)	ND (0.0780)	ND (0.0780)	ND (0.0756)
1,4-Dichlorobenzene	0.0471 KJB (0.0813)	ND (0.0711)	ND (0.0711)	ND (0.0711)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	3				3				7			
	07-SW-05		07-SW-06		07-SW-07		08-GP-01		07-SW-07		08-GP-01-01	
	07-SW-05-01	07-SW-06-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01	07-SW-07-01
SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	0.0511 JB (0.0832)	[1]	0.0724 JB (0.0832)	[1]	0.0235 JB (0.0832)	[1]	0.422 B (0.0832)	[1]				[1]
Chlorobenzene	0.0175 KJB (0.0452)	[1]	ND (0.0802)	[1]	ND (0.0802)	[1]	ND (0.0802)	[1]				[1]
Ethylbenzene	0.0799 JB (0.0813)	[1]	0.0363 JB (0.0813)	[1]	0.0313 JB (0.0813)	[1]	0.186 (0.0813)	[1]				[1]
Toluene	0.127 B (0.0813)	[1]	0.110 B (0.0813)	[1]	ND (0.0813)	[1]	0.982 B (0.0813)	[1]				[1]
Xylene (total)	0.344 B (0.0811)	[1]	0.162 B (0.0811)	[1]	0.0616 JB (0.0811)	[1]	0.977 B (0.0811)	[1]				[1]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND (0.657)	[1]	ND (0.635)	[1]	ND (0.646)	[1]	ND (0.576)	[1]				[1]
1,2-Dichlorobenzene	ND (0.866)	[1]	ND (0.838)	[1]	ND (0.851)	[1]	ND (0.623)	[1]				[1]
1,3-Dichlorobenzene	ND (0.440)	[1]	ND (0.426)	[1]	ND (0.433)	[1]	ND (0.703)	[1]				[1]
1,4-Dichlorobenzene	ND (0.898)	[1]	ND (0.869)	[1]	ND (0.883)	[1]	ND (0.576)	[1]				[1]
2,4,5-Trichlorophenol	ND (0.367)	[1]	ND (0.355)	[1]	ND (0.361)	[1]	ND (0.499)	[1]				[1]
2,4,6-Trichlorophenol	ND (0.388)	[1]	ND (0.375)	[1]	ND (0.381)	[1]	ND (0.496)	[1]				[1]
2,4-Dichlorophenol	ND (0.492)	[1]	ND (0.476)	[1]	ND (0.484)	[1]	ND (0.558)	[1]				[1]
2,4-Dimethylphenol	ND (1.22)	[1]	ND (1.18)	[1]	ND (1.20)	[1]	ND (1.27)	[1]				[1]
2,4-Dinitrophenol	ND (7.78)	[1]	ND (7.53)	[1]	ND (7.65)	[1]	ND (4.10)	[1]				[1]
2,4-Dinitrotoluene	ND (0.611)	[1]	ND (0.591)	[1]	ND (0.601)	[1]	ND (0.579)	[1]				[1]
2,6-Dinitrotoluene	ND (0.384)	[1]	ND (0.372)	[1]	ND (0.378)	[1]	ND (0.844)	[1]				[1]
2-Chloronaphthalene	ND (0.360)	[1]	ND (0.348)	[1]	ND (0.354)	[1]	ND (0.384)	[1]				[1]
2-Chlorophenol	ND (0.849)	[1]	ND (0.822)	[1]	ND (0.835)	[1]	ND (0.623)	[1]				[1]
2-Methylnaphthalene	ND (0.733)	[1]	ND (0.710)	[1]	ND (0.721)	[1]	ND (0.357)	[1]				[1]
2-Methylphenol (o-cresol)	ND (0.593)	[1]	ND (0.574)	[1]	ND (0.584)	[1]	1.25 (0.304)	[1]				[1]
2-Nitroaniline	ND (0.447)	[1]	ND (0.432)	[1]	ND (0.439)	[1]	ND (0.650)	[1]				[1]
2-Nitrophenol	ND (0.489)	[1]	ND (0.473)	[1]	ND (0.481)	[1]	ND (0.512)	[1]				[1]
3,3'-Dichlorobenzidine	ND (0.544)	[1]	ND (0.527)	[1]	ND (0.536)	[1]	ND (0.326)	[1]				[1]

Compiled: 16 March 1995

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Not Detected

NA =

Not Applicable

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TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			7		
	LOCATION ID			08-GP-01		
	SAMPLE ID			08-GP-01-01		
PARAMETER	3			3		
	07-SW-05			07-SW-07		
	07-SW-05-01			07-SW-07-01		
SW8270 - Semivolatile Organics, cont. (ug/L)						
3-Nitroaniline	ND	(0.566)	[1]	ND	(0.556)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.880)	[1]	ND	(0.866)	[1]
4-Bromophenyl phenyl ether	ND	(0.507)	[1]	ND	(0.498)	[1]
4-Chloro-3-methylphenol	ND	(0.803)	[1]	ND	(0.790)	[1]
4-Chloroaniline	ND	(0.621)	[1]	ND	(0.611)	[1]
4-Chlorophenyl phenyl ether	ND	(0.587)	[1]	ND	(0.577)	[1]
4-Methylphenol(p-cresol)	ND	(0.639)	[1]	ND	(0.628)	[1]
4-Nitroaniline	ND	(0.538)	[1]	ND	(0.529)	[1]
4-Nitrophenol	ND	(0.768)	[1]	ND	(0.755)	[1]
Acenaphthene	ND	(0.531)	[1]	ND	(0.522)	[1]
Acenaphthylene	ND	(0.251)	[1]	ND	(0.247)	[1]
Anthracene	ND	(0.646)	[1]	ND	(0.635)	[1]
Benzo(a)anthracene	ND	(0.572)	[1]	ND	(0.563)	[1]
Benzo(a)pyrene	ND	(0.426)	[1]	ND	(0.419)	[1]
Benzo(b)fluoranthene	ND	(0.632)	[1]	ND	(0.622)	[1]
Benzo(g,h,i)perylene	ND	(0.541)	[1]	ND	(0.532)	[1]
Benzo(k)fluoranthene	ND	(1.08)	[1]	ND	(1.06)	[1]
Benzoic acid	ND	(4.40)	[1]	ND	(4.33)	[1]
Benzyl alcohol	ND	(1.20)	[1]	ND	(1.18)	[1]
Butylbenzylphthalate	ND	(0.437)	[1]	ND	(0.430)	[1]
Chrysene	ND	(0.743)	[1]	ND	(0.731)	[1]
Di-n-butylphthalate	ND	(0.548)	[1]	ND	(0.539)	[1]
Di-n-octylphthalate	ND	(1.01)	[1]	0.480 J	(0.996)	[1]
Dibenz(a,h)anthracene	ND	(0.527)	[1]	ND	(0.518)	[1]
Dibenzofuran	ND	(0.453)	[1]	ND	(0.446)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID								
	LOCATION ID		SAMPLE ID						
SW8270 ~ Semivolatile Organics, cont. (ug/L)	3	3	7						
	07-SW-05	07-SW-06	07-SW-07	08-GP-01					
	07-SW-05-01	07-SW-06-01	07-SW-07-01	08-GP-01-01					
Diethylphthalate	ND	(0.361)	[1]	ND	(0.367)	[1]	ND	(0.505)	[1]
Dimethylphthalate	ND	(0.301)	[1]	ND	(0.306)	[1]	ND	(0.329)	[1]
Diphenylamine/N-NitrosoDPA	ND	(0.609)	[1]	ND	(0.619)	[1]	ND	(0.264)	[1]
Fluoranthene	ND	(0.686)	[1]	ND	(0.697)	[1]	ND	(0.462)	[1]
Fluorene	ND	(0.361)	[1]	ND	(0.367)	[1]	ND	(0.373)	[1]
Hexachlorobenzene	ND	(0.252)	[1]	ND	(0.256)	[1]	ND	(0.308)	[1]
Hexachlorobutadiene	ND	(0.751)	[1]	ND	(0.763)	[1]	ND	(0.502)	[1]
Hexachlorocyclopentadiene	ND	(9.59)	[1]	ND	(9.75)	[1]	ND	(5.77)	[1]
Hexachloroethane	ND	(0.639)	[1]	ND	(0.649)	[1]	ND	(0.623)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.565)	[1]	ND	(0.574)	[1]	ND	(1.30)	[1]
Isophorone	ND	(0.309)	[1]	ND	(0.314)	[1]	ND	(0.604)	[1]
N-Nitroso-di-n-propylamine	ND	(0.808)	[1]	ND	(0.821)	[1]	ND	(0.641)	[1]
Naphthalene	0.210 J	(0.784)	[1]	0.352 J	(0.797)	[1]	ND	(0.469)	[1]
Nitrobenzene	ND	(0.568)	[1]	ND	(0.577)	[1]	ND	(0.825)	[1]
Pentachloropheno]	ND	(0.929)	[1]	ND	(0.944)	[1]	ND	(0.872)	[1]
Phenanthrene	ND	(0.669)	[1]	ND	(0.680)	[1]	ND	(0.459)	[1]
Phenol	ND	(0.429)	[1]	ND	(0.436)	[1]	ND	(0.866)	[1]
Pyrene	ND	(0.503)	[1]	ND	(0.511)	[1]	ND	(0.400)	[1]
bis(2-Chloroethoxy)methane	ND	(0.604)	[1]	ND	(0.614)	[1]	ND	(0.594)	[1]
bis(2-Chloroethyl) ether	ND	(0.787)	[1]	ND	(0.800)	[1]	ND	(0.375)	[1]
bis(2-Chloroisopropyl) ether	ND	(0.781)	[1]	ND	(0.793)	[1]	ND	(0.782)	[1]
bis(2-Ethylhexyl) phthalate	ND	(1.97)	[1]	ND	(2.00)	[1]	ND	(0.570)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
Diesel Range Organics (ug/L)	7	7	7	7	7	7	7	7	7	7
Diesel Range Organics	08-GP-02	08-GP-03	08-GP-03-01	08-SW-01	08-SW-01-01	08-SW-01-DS-01 Dup of 08-SW-01-01	08-SW-01-01	08-SW-01-01	08-SW-01-01	08-SW-01-01
Gasoline Range Organics (ug/L)	57.0 J ((200) [1]	3.00 JB ((200) [1]	7.00 JB ((200) [1]	16.0 JB ((200) [1]	24.0 JB ((100) [1]					
Gasoline Range Organics	760 ((100) [1]	20.0 JB ((100) [1]	22.0 JB ((100) [1]							
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]	ND ((0.0219) [1]
1,1,1-Trichloroethane	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]	ND ((0.147) [1]
1,1,2,2-Tetrachloroethane	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]	ND ((0.144) [1]
1,1,2-Trichloroethane	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]	ND ((0.0454) [1]
1,1-Dichloroethane	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]	ND ((0.0222) [1]
1,1-Dichloroethane	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]	ND ((0.112) [1]
1,2,3-Trichloropropane	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]	ND ((0.109) [1]
1,2-Dichlorobenzene	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]	ND ((0.0949) [1]
1,2-Dichloroethane	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]	ND ((0.0823) [1]
1,2-Dichloropropane	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]	ND ((0.0228) [1]
1,3-Dichlorobenzene	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]	ND ((0.0878) [1]
1,4-Dichlorobenzene	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]	ND ((0.0908) [1]
1-Chlorohexane	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]	ND ((0.0404) [1]
2-Chloroethyl vinyl ether	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]	ND ((0.101) [1]
Bromobenzene	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]	ND ((0.0451) [1]
Bromodichloromethane	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]	ND ((0.0886) [1]
Bromomethane	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]	ND ((0.0858) [1]
Carbon tetrachloride	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]	ND ((0.0854) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		7		7		7		7	
	SAMPLE ID		08-GP-02		08-GP-03		08-SW-01		08-SW-01-DS-01 Dup of 08-SW-01-01	
	08-GP-02-01		08-GP-03-01		08-SW-01-01		08-SW-01-01		08-SW-01-01	

SW8010 - Halogenated Volatile Organics, cont. (ug/L)										
Chlorobenzene	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.0301)	[1]	ND (0.0301) [1]
Chloroethane	ND	(0.0800)	[1]	ND	(0.0800)	[1]	ND	(0.0499)	[1]	ND (0.0499) [1]
Chloroform	ND	(0.0258)	[1]	ND	(0.0258)	[1]	ND	(0.0512)	[1]	ND (0.0512) [1]
Chloromethane.	0.0184 JB	(0.151)	[1]	ND	(0.151)	[1]	0.0159 JB	(0.0213)	[1]	0.0190 JB (0.0213) [1]
Dibromochloromethane	ND	(0.0820)	[1]	ND	(0.0820)	[1]	ND	(0.0101)	[1]	ND (0.0101) [1]
Dibromomethane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0939)	[1]	ND (0.0939) [1]
Methylene chloride	ND	(0.0842)	[1]	0.0504 JB	(0.0842)	[1]	0.152 B	(0.0430)	[1]	0.550 TB (0.0430) [1]
Tetrachloroethene	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0381)	[1]	ND (0.0381) [1]
Tribromomethane(Bromoform)	ND	(0.0944)	[1]	ND	(0.0944)	[1]	ND	(0.252)	[1]	ND (0.252) [1]
Trichloroethene	ND	(0.0732)	[1]	ND	(0.0732)	[1]	ND	(0.0387)	[1]	ND (0.0387) [1]
Trichlorofluoromethane	ND	(0.0980)	[1]	ND	(0.0980)	[1]	ND	(0.0603)	[1]	ND (0.0603) [1]
Vinyl chloride	ND	(0.151)	[1]	ND	(0.151)	[1]	ND	(0.0761)	[1]	ND (0.0761) [1]
cis-1,3-Dichloropropene	ND	(0.0804)	[1]	ND	(0.0804)	[1]	ND	(0.0220)	[1]	ND (0.0220) [1]
trans-1,2-Dichloroethene	ND	(0.0870)	[1]	ND	(0.0870)	[1]	ND	(0.160)	[1]	ND (0.160) [1]
trans-1,3-Dichloropropene	ND	(0.0719)	[1]	ND	(0.0719)	[1]	ND	(0.0302)	[1]	ND (0.0302) [1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)										
2-Butanone(MEK)	ND	(2.38)	[1]	ND	(2.38)	[1]	ND	(2.38)	[1]	ND (2.38) [1]
4-Methyl-2-pentanone(MIBK)	ND	(1.46)	[1]	ND	(1.46)	[1]	ND	(1.46)	[1]	ND (1.46) [1]
Ethanol	ND	(0.301)	[1]	ND	(0.301)	[1]	ND	(0.301)	[1]	ND (0.301) [1]
Ethyl ether	ND	(1.16)	[1]	ND	(1.16)	[1]	ND	(1.16)	[1]	ND (1.16) [1]

SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND T	(0.0784)	[1]	0.0322 KJB	(0.0796)	[1]	ND	(0.0263)	[1]	ND (0.0263) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	7		7		7		7		7	
	08-GP-02		08-GP-03		08-SW-01		08-SW-01		08-SW-01	
	08-GP-02-01		08-GP-03-01		08-SW-01-01		08-SW-01-01		08-SW-01-01 Dup of 08-SW-01-01	
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	ND	(0.656)	ND	(0.637)	ND	(0.644)	ND	(0.663)	ND	(0.663)
2-Nitrophenol	ND	(0.517)	ND	(0.502)	ND	(0.507)	ND	(0.522)	ND	(0.522)
3,3'-Dichlorobenzidine	ND	(0.330)	ND	(0.320)	ND	(0.323)	ND	(0.333)	ND	(0.333)
3-Nitroaniline	ND	(0.389)	ND	(0.378)	ND	(0.382)	ND	(0.393)	ND	(0.393)
4,6-Dinitro-2-methylphenol	ND	(0.426)	ND	(0.413)	ND	(0.417)	ND	(0.430)	ND	(0.430)
4-Bromophenyl phenyl ether	ND	(0.479)	ND	(0.465)	ND	(0.470)	ND	(0.484)	ND	(0.484)
4-Chloro-3-methylphenol	ND	(0.510)	ND	(0.495)	ND	(0.500)	ND	(0.515)	ND	(0.515)
4-Chloroaniline	ND	(0.738)	ND	(0.716)	ND	(0.723)	ND	(0.745)	ND	(0.745)
4-Chlorophenyl phenyl ether	ND	(0.417)	ND	(0.405)	ND	(0.409)	ND	(0.421)	ND	(0.421)
4-Methylphenol(p-cresol)	50.2 F	(0.454)	ND	(0.441)	ND	(0.446)	ND	(0.459)	ND	(0.459)
4-Nitroaniline	ND	(0.600)	ND	(0.583)	ND	(0.588)	ND	(0.606)	ND	(0.606)
4-Nitrophenol	ND	(0.928)	ND	(0.901)	ND	(0.910)	ND	(0.937)	ND	(0.937)
Acenaphthene	ND	(0.269)	ND	(0.262)	ND	(0.264)	ND	(0.272)	ND	(0.272)
Acenaphthylene	ND	(0.414)	ND	(0.402)	ND	(0.406)	ND	(0.418)	ND	(0.418)
Anthracene	ND	(0.364)	ND	(0.354)	ND	(0.357)	ND	(0.368)	ND	(0.368)
Benzo(a)anthracene	ND	(0.445)	ND	(0.432)	ND	(0.436)	ND	(0.449)	ND	(0.449)
Benzo(a)pyrene	ND	(0.513)	ND	(0.498)	ND	(0.503)	ND	(0.518)	ND	(0.518)
Benzo(b)fluoranthene	ND	(0.899)	ND	(0.873)	ND	(0.882)	ND	(0.908)	ND	(0.908)
Benzo(g,h,i)perylene	ND	(1.01)	ND	(0.981)	ND	(0.990)	ND	(1.02)	ND	(1.02)
Benzo(k)fluoranthene	ND	(0.989)	ND	(0.961)	ND	(0.970)	ND	(0.999)	ND	(0.999)
Benzoic acid	ND	(38.2)	ND	(37.1)	ND	(37.5)	ND	(38.6)	ND	(38.6)
Benzyl alcohol	ND	(0.604)	ND	(0.587)	ND	(0.592)	ND	(0.610)	ND	(0.610)
Butylbenzylphthalate	ND	(0.619)	ND	(0.601)	ND	(0.607)	ND	(0.625)	ND	(0.625)
Chrysene	ND	(0.532)	ND	(0.516)	ND	(0.521)	ND	(0.537)	ND	(0.537)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID		7		7		7		7		7		7		7	
	SAMPLE ID		08-GP-02		08-GP-03		08-SW-01		08-SW-01		08-SW-01		08-SW-01		08-SW-01	
	08-GP-02-01				08-GP-03-01				08-SW-01-01				08-SW-01-01		08-SW-01-01	
SW8270 - Semivolatile Organics, cont. (ug/L)																
Di-n-butylphthalate	ND	(	0.321)	[1]	ND	(	0.312)	[1]	ND	(	0.315)	[1]	ND	(	0.324)	[1]
Di-n-octylphthalate	ND	(	0.349)	[1]	ND	(	0.338)	[1]	ND	(	0.342)	[1]	ND	(	0.352)	[1]
Dibenz(a,h)anthracene	ND	(	0.803)	[1]	ND	(	0.780)	[1]	ND	(	0.787)	[1]	ND	(	0.811)	[1]
Dibenzofuran	ND	(	0.532)	[1]	ND	(	0.516)	[1]	ND	(	0.521)	[1]	ND	(	0.537)	[1]
Diethylphthalate	ND	(	0.510)	[1]	ND	(	0.495)	[1]	ND	(	0.500)	[1]	ND	(	0.515)	[1]
Dimethylphthalate	ND	(	0.333)	[1]	ND	(	0.323)	[1]	ND	(	0.326)	[1]	ND	(	0.336)	[1]
Diphenylamine/N-NitrosodPA	ND	(	0.266)	[1]	ND	(	0.259)	[1]	ND	(	0.261)	[1]	ND	(	0.269)	[1]
Fluoranthene	ND	(	0.466)	[1]	ND	(	0.453)	[1]	ND	(	0.457)	[1]	ND	(	0.471)	[1]
Fluorene	ND	(	0.376)	[1]	ND	(	0.365)	[1]	ND	(	0.369)	[1]	ND	(	0.380)	[1]
Hexachlorobenzene	ND	(	0.311)	[1]	ND	(	0.302)	[1]	ND	(	0.305)	[1]	ND	(	0.314)	[1]
Hexachlorobutadiene	ND	(	0.507)	[1]	ND	(	0.492)	[1]	ND	(	0.497)	[1]	ND	(	0.512)	[1]
Hexachlorocyclopentadiene	ND	(	5.83)	[1]	ND	(	5.66)	[1]	ND	(	5.72)	[1]	ND	(	5.89)	[1]
Hexachloroethane	ND	(	0.629)	[1]	ND	(	0.611)	[1]	ND	(	0.617)	[1]	ND	(	0.635)	[1]
Indeno(1,2,3-cd)pyrene	ND	(	1.32)	[1]	ND	(	1.28)	[1]	ND	(	1.29)	[1]	ND	(	1.33)	[1]
Isophorone	ND	(	0.610)	[1]	ND	(	0.592)	[1]	ND	(	0.598)	[1]	ND	(	0.616)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.648)	[1]	ND	(	0.629)	[1]	ND	(	0.635)	[1]	ND	(	0.654)	[1]
Naphthalene	ND	(	0.473)	[1]	ND	(	0.460)	[1]	ND	(	0.464)	[1]	ND	(	0.478)	[1]
Nitrobenzene	ND	(	0.834)	[1]	ND	(	0.810)	[1]	ND	(	0.817)	[1]	ND	(	0.842)	[1]
Pentachloropheno1	ND	(	0.880)	[1]	ND	(	0.855)	[1]	ND	(	0.863)	[1]	ND	(	0.889)	[1]
Phenanthrene	ND	(	0.463)	[1]	ND	(	0.450)	[1]	ND	(	0.454)	[1]	ND	(	0.468)	[1]
Pheno1	ND	(	0.874)	[1]	ND	(	0.849)	[1]	ND	(	0.857)	[1]	ND	(	0.883)	[1]
Pyrene	ND	(	0.404)	[1]	ND	(	0.392)	[1]	ND	(	0.396)	[1]	ND	(	0.408)	[1]
bis(2-Chloroethoxy)methane	ND	(	0.600)	[1]	ND	(	0.583)	[1]	ND	(	0.588)	[1]	ND	(	0.606)	[1]
bis(2-Chloroethyl)ether	ND	(	0.379)	[1]	ND	(	0.368)	[1]	ND	(	0.372)	[1]	ND	(	0.383)	[1]

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	7				008				008			
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID	
	08-SW-02		08-SW-03		08-SW-02		08-SW-03		09-MW-01		09-MW-02	
	08-SW-02-01		08-SW-03-01		08-SW-02-01		08-SW-03-01		09-MW-01-03		09-MW-02-03	

Diesel Range Organics (ug/L)	3.00 JB (	200)	[1]	9.00 JB (	200)	[1]	72.0 J (	200)	[1]	10.0 JB (	200)	[1]
Diesel Range Organics	23.0 JB (	100)	[1]	25.0 JB (	100)	[1]	470 (	100)	[1]	120 (	100)	[1]
Gasoline Range Organics (ug/L)												
Gasoline Range Organics												
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(	0.0285)	ND	(	0.0285)	ND	(	0.0400)	ND	(	0.0400)
1,1,1-Trichloroethane	0.0234 JB	(	0.138)	0.0526 JB	(	0.138)	ND	(	0.0920)	ND	(	0.0920)
1,1,2,2-Tetrachloroethane	ND	(	0.0427)	ND	(	0.0427)	ND	(	0.100)	ND	(	0.100)
1,1,2-Trichloroethane	ND	(	0.0172)	ND	(	0.0172)	ND	(	0.100)	ND	(	0.0450)
1,1-Dichloroethane	ND	(	0.0729)	ND	(	0.0729)	0.111 P	(	0.0220)	ND	(	0.0480)
1,1-Dichloroethene	ND	(	0.0568)	ND	(	0.0568)	ND	(	0.100)	ND	(	0.100)
1,2,3-Trichloropropane	ND	(	0.0367)	ND	(	0.0367)	ND	(	0.120)	ND	(	0.120)
1,2-Dichlorobenzene	ND	(	0.0288)	ND	(	0.0288)	ND	(	0.170)	ND	(	0.170)
1,2-Dichloroethane	ND	(	0.0286)	ND	(	0.0286)	0.00220 PJ	(	0.0540)	ND	(	0.0540)
1,2-Dichloropropane	ND	(	0.0320)	ND	(	0.0320)	ND	(	0.0750)	ND	(	0.0750)
1,3-Dichlorobenzene	ND	(	0.0902)	ND	(	0.0902)	ND	(	0.150)	ND	(	0.0880)
1,4-Dichlorobenzene	ND	(	0.0322)	ND	(	0.0322)	ND	(	0.190)	ND	(	0.190)
1-Chlorohexane	ND	(	0.0957)	ND	(	0.0957)	ND	(	0.120)	ND	(	0.0400)
2-Chloroethyl vinyl ether	ND	(	0.0281)	ND	(	0.0281)	ND	(	0.170)	ND	(	0.170)
Bromobenzene	ND	(	0.0693)	ND	(	0.0693)	ND	(	0.530)	ND	(	0.530)
Bromodichloromethane	ND	(	0.0150)	ND	(	0.0150)	ND	(	0.0680)	ND	(	0.0680)
Bromomethane	ND	(	0.161)	ND	(	0.161)	ND	(	0.0560)	ND	(	0.0560)
Carbon tetrachloride	ND	(	0.0444)	ND	(	0.0444)	ND	(	0.110)	ND	(	0.110)
Chlorobenzene	ND	(	0.0301)	ND	(	0.0301)	ND	(	0.140)	ND	(	0.140)

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

The R = Invalid Result, Refer to QC Report

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	7	7	7	7	7	7	008	008	008	008	008	008
	08-SW-02	08-SW-02-01	08-SW-03	08-SW-03-01	08-SW-03	08-SW-03-01	09-MW-01	09-MW-01-03	09-MW-02	09-MW-02-03	09-MW-02	09-MW-02-03
SW8270 - Semivolatile Organics, cont. (ug/L)												
2-Nitroaniline	ND	(0.644)	[1]	ND	(0.670)	[1]	ND	(0.657)	[1]	ND	(0.660)	[1]
2-Nitrophenol	ND	(0.507)	[1]	ND	(0.527)	[1]	ND	(0.517)	[1]	ND	(0.520)	[1]
3,3'-Dichlorobenzidine	ND	(0.323)	[1]	ND	(0.336)	[1]	ND	(0.328)	[1]	ND	(0.330)	[1]
3-Nitroaniline	ND	(0.382)	[1]	ND	(0.397)	[1]	ND	(0.388)	[1]	ND	(0.390)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.417)	[1]	ND	(0.434)	[1]	ND	(0.428)	[1]	ND	(0.430)	[1]
4-Bromophenyl phenyl ether	ND	(0.470)	[1]	ND	(0.489)	[1]	ND	(0.488)	[1]	ND	(0.490)	[1]
4-Chloro-3-methylphenol	ND	(0.500)	[1]	ND	(0.520)	[1]	ND	(0.517)	[1]	ND	(0.520)	[1]
4-Chloroaniline	ND	(0.723)	[1]	ND	(0.753)	[1]	ND	(0.736)	[1]	ND	(0.740)	[1]
4-Chlorophenyl phenyl ether	ND	(0.409)	[1]	ND	(0.425)	[1]	ND	(0.418)	[1]	ND	(0.420)	[1]
4-Methylphenol(p-cresol)	ND	(0.446)	[1]	ND	(0.464)	[1]	ND	(0.458)	[1]	ND	(0.460)	[1]
4-Nitroaniline	ND	(0.588)	[1]	ND	(0.612)	[1]	ND	(0.607)	[1]	ND	(0.610)	[1]
4-Nitrophenol	ND	(0.910)	[1]	ND	(0.946)	[1]	ND	(0.935)	[1]	ND	(0.940)	[1]
Acenaphthene	ND	(0.264)	[1]	ND	(0.275)	[1]	ND	(0.269)	[1]	ND	(0.270)	[1]
Acenaphthylene	ND	(0.406)	[1]	ND	(0.422)	[1]	ND	(0.418)	[1]	ND	(0.420)	[1]
Anthracene	ND	(0.357)	[1]	ND	(0.372)	[1]	ND	(0.368)	[1]	ND	(0.370)	[1]
Benzo(a)anthracene	ND	(0.436)	[1]	ND	(0.454)	[1]	ND	(0.448)	[1]	ND	(0.450)	[1]
Benzo(a)pyrene	ND	(0.503)	[1]	ND	(0.523)	[1]	ND	(0.517)	[1]	ND	(0.520)	[1]
Benzo(b)fluoranthene	ND	(0.882)	[1]	ND	(0.917)	[1]	ND	(0.905)	[1]	ND	(0.910)	[1]
Benzo(g,h,i)perylene	ND	(0.990)	[1]	ND	(1.03)	[1]	ND	(0.995)	[1]	ND	(1.00)	[1]
Benzo(k)fluoranthene	ND	(0.970)	[1]	ND	(1.01)	[1]	ND	(0.995)	[1]	ND	(1.00)	[1]
Benzoic acid	ND	(37.5)	[1]	ND	(39.0)	[1]	ND	(38.8)	[1]	ND	(39.0)	[1]
Benzyol alcohol	ND	(0.592)	[1]	ND	(0.616)	[1]	ND	(0.607)	[1]	ND	(0.610)	[1]
Butylbenzylphthalate	ND	(0.607)	[1]	ND	(0.631)	[1]	ND	(0.617)	[1]	ND	(0.620)	[1]
Chrysene	ND	(0.521)	[1]	ND	(0.542)	[1]	ND	(0.537)	[1]	ND	(0.540)	[1]
Di-n-butylphthalate	ND	(0.315)	[1]	ND	(0.327)	[1]	ND	(0.318)	[1]	ND	(0.320)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		7		008		008		008	
	SAMPLE ID		08-SW-02		08-SW-03		09-MW-01		09-MW-02	
	08-SW-02-01		08-SW-03-01		09-MW-01-03		09-MW-02-03			
SW8270 - Semivolatile Organics, cont. (ug/L)										
Di-n-octylphthalate	ND	(0.342)	[1]	ND	(0.356)	[1]	ND	(0.348)	[1]	ND (0.350)
Dibenz(a,h)anthracene	ND	(0.787)	[1]	ND	(0.819)	[1]	ND	(0.806)	[1]	ND (0.810)
Dibenzofuran	ND	(0.521)	[1]	ND	(0.542)	[1]	ND	(0.537)	[1]	ND (0.540)
Diethylphthalate	ND	(0.500)	[1]	ND	(0.520)	[1]	ND	(0.517)	[1]	ND (0.520)
Dimethylphthalate	ND	(0.326)	[1]	ND	(0.339)	[1]	ND	(0.338)	[1]	ND (0.340)
Diphenylamine/N-NitrosodPA	ND	(0.261)	[1]	ND	(0.272)	[1]	NA			NA
Fluoranthene	ND	(0.457)	[1]	ND	(0.476)	[1]	ND	(0.468)	[1]	ND (0.470)
Fluorene	ND	(0.369)	[1]	ND	(0.384)	[1]	ND	(0.378)	[1]	ND (0.380)
Hexachlorobenzene	ND	(0.305)	[1]	ND	(0.317)	[1]	ND	(0.308)	[1]	ND (0.310)
Hexachlorobutadiene	ND	(0.497)	[1]	ND	(0.517)	[1]	ND	(0.507)	[1]	ND (0.510)
Hexachlorocyclopentadiene	ND	(5.72)	[1]	ND	(5.95)	[1]	ND	(5.87)	[1]	ND (5.90)
Hexachloroethane	ND	(0.617)	[1]	ND	(0.641)	[1]	ND	(0.627)	[1]	ND (0.630)
Indeno(1,2,3-cd)pyrene	ND	(1.29)	[1]	ND	(1.34)	[1]	ND	(1.29)	[1]	ND (1.30)
Isophorone	ND	(0.598)	[1]	ND	(0.622)	[1]	ND	(0.617)	[1]	ND (0.620)
N-Nitroso-di-n-propylamine	ND	(0.635)	[1]	ND	(0.661)	[1]	ND	(0.647)	[1]	ND (0.650)
N-Nitrosodiphenylamine	NA			NA			ND	(0.269)	[1]	ND (0.270)
Naphthalene	ND	(0.464)	[1]	ND	(0.483)	[1]	ND	(0.478)	[1]	ND (0.480)
Nitrobenzene	ND	(0.817)	[1]	ND	(0.851)	[1]	ND	(0.836)	[1]	ND (0.840)
Pentachloropheno]	ND	(0.863)	[1]	ND	(0.898)	[1]	ND	(0.886)	[1]	ND (0.890)
Phenanthrene	ND	(0.454)	[1]	ND	(0.473)	[1]	ND	(0.468)	[1]	ND (0.470)
Phenol	ND	(0.857)	[1]	ND	(0.892)	[1]	ND	(0.876)	[1]	ND (0.880)
Pyrene	ND	(0.396)	[1]	ND	(0.412)	[1]	ND	(0.408)	[1]	ND (0.410)
bis(2-Chloroethoxy)methane	ND	(0.588)	[1]	ND	(0.612)	[1]	ND	(0.607)	[1]	ND (0.610)
bis(2-Chloroethyl)ether	ND	(0.372)	[1]	ND	(0.387)	[1]	ND	(0.378)	[1]	ND (0.380)
bis(2-Chloroisopropyl)ether	ND	(0.775)	[1]	ND	(0.806)	[1]	ND	(0.796)	[1]	ND (0.800)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate	7	08-SW-02 08-SW-02-01	7	008 09-MW-01 09-MW-01-03
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate	7	08-SW-03 08-SW-03-01	008 09-MW-02 09-MW-02-03	008 09-MW-02 09-MW-02-03

SW8270 - Semivolatile Organics, cont. (ug/L)
bis(2-Ethylhexyl)phthalate

ND (0.564) [1] ND (0.587) [1] ND (0.577) [1] ND (0.580) [1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008				008				008			
	09-MW-03		09-MW-04		09-MW-05		09-MW-06		09-MW-03		09-MW-04	
	10.0 JB (	200)	7.00 JB (	200)	[1]	[1]	1.00 JB (	200)	[1]	1.00 JB (	200)	[1]
Diesel Range Organics (ug/L)												
Diesel Range Organics												
Gasoline Range Organics (ug/L)												
Gasoline Range Organics	37.0 JB (	100)	44.0 JB (	100)	[1]	[1]	37.0 JB (	100)	[1]	38.0 JB (	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0400)	ND	(0.0400)	[1]	[1]	ND	(0.0400)	[1]	ND	(0.0400)	[1]
1,1,1-Trichloroethane	ND	(0.0920)	0.123 PB	(0.0920)	[1]	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.100)	ND	(0.100)	[1]	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]
1,1,2-Trichloroethane	ND	(0.100)	ND	(0.100)	[1]	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]
1,1-Dichloroethane	ND	(0.0480)	ND	(0.0480)	[1]	[1]	ND	(0.0480)	[1]	ND	(0.0480)	[1]
1,1-Dichloroethene	ND	(0.100)	ND	(0.100)	[1]	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]
1,2,3-Trichloropropane	ND	(0.120)	ND	(0.120)	[1]	[1]	ND	(0.120)	[1]	ND	(0.120)	[1]
1,2-Dichlorobenzene	ND	(0.170)	ND	(0.0950)	[1]	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,2-Dichloroethane	ND	(0.0540)	ND	(0.0540)	[1]	[1]	ND	(0.0540)	[1]	ND	(0.0540)	[1]
1,2-Dichloropropane	ND	(0.0750)	ND	(0.0750)	[1]	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]
1,3-Dichlorobenzene	ND	(0.150)	ND	(0.150)	[1]	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]
1,4-Dichlorobenzene	ND	(0.190)	ND	(0.190)	[1]	[1]	ND	(0.190)	[1]	ND	(0.190)	[1]
1-Chlorohexane	ND	(0.120)	ND	(0.120)	[1]	[1]	ND	(0.120)	[1]	ND	(0.120)	[1]
2-Chloroethyl vinyl ether	ND	(0.170)	ND	(0.170)	[1]	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
Bromobenzene	ND	(0.530)	ND	(0.530)	[1]	[1]	ND	(0.530)	[1]	ND	(0.530)	[1]
Bromodichloromethane	ND	(0.0680)	ND	(0.0680)	[1]	[1]	ND	(0.0680)	[1]	ND	(0.0680)	[1]
Bromomethane	ND	(0.0560)	ND	(0.0560)	[1]	[1]	ND	(0.0560)	[1]	ND	(0.0560)	[1]
Carbon tetrachloride	0.0120 PJ	(0.110)	ND	(0.110)	[1]	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Chlorobenzene	ND	(0.140)	ND	(0.140)	[1]	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	008	008	008	008	008	008
	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-06	09-MW-06
	09-MW-03-03	09-MW-04-03	09-MW-05-03	09-MW-06-03	09-MW-06-03	09-MW-06-03
SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	0.0654 JB (0.0700)	[1]	8.46 (0.0700)	[1]	ND (0.100)	[1]
Chlorobenzene	ND (0.0450)	[1]	ND (0.0450)	[1]	ND (0.130)	[1]
Ethylbenzene	ND (0.0680)	[1]	ND (0.0680)	[1]	ND (0.0680)	[1]
Toluene	0.0865 B (0.0480)	[1]	0.0518 B (0.0480)	[1]	0.0490 JB (0.0680)	[1]
Xylene (total)	0.0398 JB (0.0850)	[1]	0.588 B (0.0850)	[1]	0.0698 B (0.0480)	[1]
					0.108 B (0.0480)	[1]
					0.0779 JB (0.0850)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND (0.00769)	[1]	ND (0.00769)	[1]	ND (0.00769)	[1]
4,4'-DDE	ND (0.00519)	[1]	ND (0.00519)	[1]	ND (0.00519)	[1]
4,4'-DDT	ND (0.00962)	[1]	ND (0.00962)	[1]	0.0100 B (0.00519)	[1]
Aldrin	ND (0.00894)	[1]	ND (0.00894)	[1]	ND (0.00962)	[1]
Chlordane	ND (0.0288)	[1]	ND (0.0288)	[1]	ND (0.00894)	[1]
Dieldrin	ND (0.00769)	[1]	ND (0.00769)	[1]	ND (0.0288)	[1]
Endosulfan I	ND (0.00596)	[1]	ND (0.00596)	[1]	ND (0.00769)	[1]
Endosulfan II	ND (0.00481)	[1]	ND (0.00481)	[1]	ND (0.00596)	[1]
Endosulfan Sulfate	0.00910 JB (0.0135)	[1]	0.00880 JB (0.0135)	[1]	ND (0.00481)	[1]
Endrin	ND (0.0115)	[1]	ND (0.0115)	[1]	0.00910 JB (0.0135)	[1]
Endrin Aldehyde	ND (0.00635)	[1]	ND (0.00635)	[1]	ND (0.0115)	[1]
Heptachlor	ND (0.00519)	[1]	ND (0.00519)	[1]	ND (0.00635)	[1]
Heptachlor epoxide	0.0132 B (0.00327)	[1]	ND (0.0240)	[1]	ND (0.00519)	[1]
Methoxychlor	ND (0.0471)	[1]	ND (0.0471)	[1]	0.00870 B (0.00327)	[1]
PCB-1016	ND (0.0962)	[1]	ND (0.0962)	[1]	ND (0.0471)	[1]
PCB-1221	ND (0.183)	[1]	ND (0.183)	[1]	ND (0.0962)	[1]
PCB-1232	ND (0.0538)	[1]	ND (0.0538)	[1]	ND (0.183)	[1]
PCB-1242	ND (0.0558)	[1]	ND (0.0558)	[1]	ND (0.0538)	[1]

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TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	008				008				008			
	09-MW-03				09-MW-04				09-MW-05			
	09-MW-03-03				09-MW-04-03				09-MW-05-03			
	09-MW-06-03											

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	008				008				008			
	09-MW-03				09-MW-04				09-MW-05			
	09-MW-03-03				09-MW-04-03				09-MW-05-03			

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	008	008
	09-MW-03	09-MW-06
	09-MW-03-03	09-MW-06-03
	008	008
	09-MW-04	09-MW-05
	09-MW-04-03	09-MW-05-03

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-01	10-GP-02	10-MW-01	10-MW-01-03	10-MW-01	10-MW-01-03	10-MW-01	10-MW-01-03	10-MW-01	10-MW-01-03
	09-MW-15-01	10-GP-01-01	10-GP-01-01	10-GP-02-01	10-MW-01-03	10-MW-01-03	10-MW-01-03	10-MW-01-03	10-MW-01-03	10-MW-01-03	10-MW-01-03	10-MW-01-03

Diesel Range Organics (ug/L)	3.00 JB (	200)	[1]	6.00 JB (	200)	[1]	3.00 JB (	200)	[1]	13.0 JB (	200)	[1]
Diesel Range Organics	25.0 JB (	100)	[1]	23.0 B (	10.0)	[1]	21.0 B (	10.0)	[1]	51.0 JB (	100)	[1]
Gasoline Range Organics (ug/L)												
Gasoline Range Organics												

SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND (	0.0219)	[1]	NA			NA			ND (	0.0285)	[1]
1,1,1-Trichloroethane	ND (	0.147)	[1]	NA			NA			ND (	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND (	0.144)	[1]	NA			NA			ND (	0.0427)	[1]
1,1,2-Trichloroethane	ND (	0.0454)	[1]	NA			NA			ND (	0.0172)	[1]
1,1-Dichloroethane	ND (	0.0222)	[1]	NA			NA			ND (	0.0729)	[1]
1,1-Dichloroethene	ND (	0.112)	[1]	NA			NA			ND (	0.0568)	[1]
1,2,3-Trichloropropane	ND (	0.109)	[1]	NA			NA			ND (	0.0367)	[1]
1,2-Dichlorobenzene	ND (	0.0949)	[1]	NA			NA			ND (	0.0288)	[1]
1,2-Dichloroethane	ND (	0.0823)	[1]	NA			NA			ND (	0.0286)	[1]
1,2-Dichloropropane	ND (	0.0228)	[1]	NA			NA			ND (	0.0320)	[1]
1,3-Dichlorobenzene	ND (	0.0878)	[1]	NA			NA			ND (	0.0902)	[1]
1,4-Dichlorobenzene	ND (	0.0908)	[1]	NA			NA			ND (	0.0322)	[1]
1-Chlorohexane	ND (	0.0404)	[1]	NA			NA			ND (	0.0957)	[1]
2-Chloroethyl vinyl ether	ND (	0.101)	[1]	NA			NA			ND (	0.170)	[1]
Bromobenzene	ND (	0.0451)	[1]	NA			NA			ND (	0.0693)	[1]
Bromodichloromethane	ND (	0.0886)	[1]	NA			NA			ND (	0.0150)	[1]
Bromomethane	ND (	0.0858)	[1]	NA			NA			ND (	0.161)	[1]
Carbon tetrachloride	ND (0.0854)	[1]	NA			NA			ND (0.0444)	[1]
Chlorobenzene	ND (0.124)	[1]	NA			NA			ND (0.0301)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				

SW8010 - Halogenated Volatile Organics, cont. (ug/L)	Chloroethane	ND (0.0800)	[1]	NA	NA	008	008
	Chloroform	ND (0.0258)	[1]	NA	NA	10-GP-01	10-GP-02
	Chloromethane	ND (0.151)	[1]	NA	NA	10-GP-01-01	10-GP-02-01
	Dibromochloromethane	ND (0.0820)	[1]	NA	NA		
	Dibromomethane	ND (0.0742)	[1]	NA	NA		
	Methylene chloride	0.445 TB (0.0842)	[1]	NA	NA		
	Tetrachloroethene	ND (0.0750)	[1]	NA	NA		
	Tribromomethane(Bromoform)	ND (0.0944)	[1]	NA	NA		
	Trichloroethene	ND (0.0732)	[1]	NA	NA		
	Trichlorofluoromethane	ND (0.0980)	[1]	NA	NA		
	Vinyl chloride	ND (0.151)	[1]	NA	NA		
	cis-1,3-Dichloropropene	ND (0.0804)	[1]	NA	NA		
	trans-1,2-Dichloroethene	ND (0.0870)	[1]	NA	NA		
	trans-1,3-Dichloropropene	ND (0.0719)	[1]	NA	NA		

	SW8015 - Nonhalogenated Volatile Organics (mg/L)						
	2-Butanone(MEK)	ND (2.38)	[1]	NA	NA	008	008
	4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]	NA	NA	10-GP-01	10-GP-02
	Ethanol	ND (0.301)	[1]	NA	NA	10-GP-01-01	10-GP-02-01
	Ethyl ether	ND (1.16)	[1]	NA	NA		

SW8020 - Aromatic Volatile Organics (ug/L)							
1,2-Dichlorobenzene	ND (0.0784)	[1]	NA	NA	008	008	
1,3-Dichlorobenzene	ND (0.0780)	[1]	NA	NA	10-GP-01	10-GP-02	
1,4-Dichlorobenzene	ND (0.0711)	[1]	NA	NA	10-GP-01-01	10-GP-02-01	

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			

SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01	10-MW-02	10-MW-03
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-01	10-MW-02-01	10-MW-03-01

Benzene	5.49	(0.0832)	[1]	NA	0.476 B	(0.0830)
Chlorobenzene	ND	(0.0802)	[1]	NA	ND	(0.130)
Ethylbenzene	0.0166	KJB (0.0436)	[1]	NA	0.0355 JB	(0.0810)
Toluene	0.0907	B (0.0813)	[1]	NA	0.113 B	(0.0810)
Xylene (total)	0.0344	JB (0.0811)	[1]	NA	0.167 B	(0.0810)

SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4' -DDD	NA			NA	ND	(0.00922)
4,4' -DDE	NA			NA	ND	(0.00647)
4,4' -DDT	NA			NA	ND	(0.00980)
Aldrin	NA			NA	ND	(0.00912)
Chlordane	NA			NA	ND	(0.0294)
Dieldrin	NA			NA	ND	(0.00784)
Endosulfan I	NA			NA	ND	(0.00608)
Endosulfan II	NA			NA	ND	(0.00529)
Endosulfan Sulfate	NA			NA	0.00990 JB	(0.0137)
Endrin	NA			NA	ND	(0.0118)
Endrin Aldehyde	NA			NA	ND	(0.00647)
Heptachlor	NA			NA	ND	(0.0324)
Heptachlor epoxide	NA			NA	ND	(0.0245)
Methoxychlor	NA			NA	ND	(0.0480)
PCB-1016	NA			NA	ND	(0.0980)
PCB-1221	NA			NA	ND	(0.186)
PCB-1232	NA			NA	ND	(0.0549)
PCB-1242	NA			NA	ND	(0.0569)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

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NA = Not Applicable

R = Invalid Result, Refer to QC Report

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03
	NA	NA	NA	ND
	NA	NA	NA	ND
	NA	NA	NA	ND
	NA	NA	NA	ND
	NA	NA	NA	ND
	NA	NA	NA	ND
	NA	NA	NA	ND
SW8270 - Semivolatile Organics (ug/L)	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
	ND	NA	NA	ND
2,4,5-Trichlorophenol	(0.622)	[1]	NA	(0.596)
	(0.820)	[1]	NA	(0.646)
	(0.417)	[1]	NA	(0.727)
	(0.851)	[1]	NA	(0.596)
	(0.347)	[1]	NA	(0.515)
	(0.367)	[1]	NA	(0.505)
	(0.466)	[1]	NA	(0.576)
	(1.16)	[1]	NA	(1.31)
	(7.37)	[1]	NA	(4.24)
	(0.579)	[1]	NA	(0.596)
2,4-Dinitrotoluene	(0.364)	[1]	NA	(0.869)
	(0.341)	[1]	NA	(0.394)
	(0.804)	[1]	NA	(0.646)
	(0.695)	[1]	NA	(0.364)
	(0.562)	[1]	NA	(0.313)
2,4-Dinitrophenol	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
2,4-Dinitrotoluene	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
2-Chlorophenol	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
2-Methylnaphthalene	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
2-Methylphenol (o-cresol)	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND
	ND		NA	ND

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L)	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03
2-Nitroaniline	ND	NA	NA	ND
2-Nitrophenol	ND	NA	NA	ND
3,3'-Dichlorobenzidine	ND	NA	NA	ND
3-Nitroaniline	ND	NA	NA	ND
4,6-Dinitro-2-methylphenol	ND	NA	NA	ND
4-Bromophenyl phenyl ether	ND	NA	NA	ND
4-Chloro-3-methylphenol	ND	NA	NA	ND
4-Chloroaniline	ND	NA	NA	ND
4-Chlorophenyl phenyl ether	ND	NA	NA	ND
4-Methylphenol(p-cresol)	ND	NA	NA	ND
4-Nitroaniline	ND	NA	NA	ND
4-Nitrophenol	ND	NA	NA	ND
Acenaphthene	ND	NA	NA	ND
Acenaphthylene	ND	NA	NA	ND
Anthracene	ND	NA	NA	ND
Benzo(a)anthracene	ND	NA	NA	ND
Benzo(a)pyrene	ND	NA	NA	ND
Benzo(b)fluoranthene	ND	NA	NA	ND
Benzo(g,h,i)perylene	ND	NA	NA	ND
Benzo(k)fluoranthene	ND	NA	NA	ND
Benzoic acid	ND	NA	NA	ND
Benzyl alcohol	ND	NA	NA	ND
Butylbenzylphthalate	ND	NA	NA	ND
Chrysene	ND	NA	NA	ND
Di-n-butylphthalate	ND	NA	NA	ND
	(0.423)	[1]		(0.667)
	(0.463)	[1]		(0.525)
	(0.516)	[1]		(0.333)
	(0.536)	[1]		(0.394)
	(0.834)	[1]		(0.434)
	(0.480)	[1]		(0.495)
	(0.761)	[1]		(0.525)
	(0.588)	[1]		(0.747)
	(0.556)	[1]		(0.424)
	(0.605)	[1]		(0.465)
	(0.509)	[1]		(0.616)
	(0.727)	[1]		(0.949)
	(0.503)	[1]		(0.273)
	(0.238)	[1]		(0.424)
	(0.612)	[1]		(0.374)
	(0.542)	[1]		(0.455)
	(0.403)	[1]		(0.525)
	(0.599)	[1]		(0.919)
	(0.513)	[1]		(1.01)
	(1.02)	[1]		(1.01)
	(4.17)	[1]		(39.4)
	(1.14)	[1]		(0.616)
	(0.414)	[1]		(0.626)
	(0.704)	[1]		(0.545)
	(0.519)	[1]		(0.323)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01	10-MW-01	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03	10-MW-01-03	10-MW-01-03
SW8270 - Semivolatile Organics, cont. (ug/L)						
Di-n-octylphthalate	ND (0.959)	NA [1]	NA	ND	(0.354)	[1]
Dibenz(a,h)anthracene	ND (0.499)	NA [1]	NA	ND	(0.818)	[1]
Dibenzofuran	ND (0.429)	NA [1]	NA	ND	(0.545)	[1]
Diethylphthalate	ND (0.354)	NA [1]	NA	ND	(0.525)	[1]
Dimethylphthalate	ND (0.295)	NA [1]	NA	ND	(0.343)	[1]
Diphenylamine/N-NitrosodPA	ND (0.596)	NA [1]	NA	NA		
Fluoranthene	ND (0.672)	NA [1]	NA	ND	(0.475)	[1]
Fluorene	ND (0.354)	NA [1]	NA	ND	(0.384)	[1]
Hexachlorobenzene	ND (0.246)	NA [1]	NA	ND	(0.313)	[1]
Hexachlorobutadiene	ND (0.735)	NA [1]	NA	ND	(0.515)	[1]
Hexachlorocyclopentadiene	ND (9.39)	NA [1]	NA	ND	(5.96)	[1]
Hexachloroethane	ND (0.625)	NA [1]	NA	ND	(0.636)	[1]
Indeno(1,2,3-cd)pyrene	ND (0.553)	NA [1]	NA	ND	(1.31)	[1]
Isophorone	ND (0.302)	NA [1]	NA	ND	(0.626)	[1]
N-Nitroso-di-n-propylamine	ND (0.791)	NA [1]	NA	ND	(0.657)	[1]
N-Nitrosodiphenylamine	NA	NA	NA	ND	(0.273)	[1]
Naphthalene	ND (0.767)	NA [1]	NA	ND	(0.485)	[1]
Nitrobenzene	ND (0.556)	NA [1]	NA	ND	(0.848)	[1]
Pentachlorophenol	ND (0.909)	NA [1]	NA	ND	(0.899)	[1]
Phenanthrene	ND (0.655)	NA [1]	NA	ND	(0.475)	[1]
Phenol	ND (0.420)	NA [1]	NA	ND	(0.889)	[1]
Pyrene	ND (0.493)	NA [1]	NA	ND	(0.414)	[1]
bis(2-Chloroethoxy)methane	ND (0.592)	NA [1]	NA	ND	(0.616)	[1]
bis(2-Chloroethyl) ether	ND (0.771)	NA [1]	NA	ND	(0.384)	[1]
bis(2-Chloroisopropyl) ether	ND (0.764)	NA [1]	NA	ND	(0.808)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01	10-MW-01	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03	10-MW-01-03	10-MW-01-03
	1.74 JB (	1.93)	[1]	NA	184	(2.93) [5]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID					
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID					
	008		008		008		008		005		005		005					
	10-MW-02		10-MW-03		10-MW-04		10-MW-04		12-MW-01		12-MW-01		12-MW-01					
	10-MW-02-03		10-MW-03-03		10-MW-04-01		10-MW-04-01		12-MW-01-03		12-MW-01-03		12-MW-01-03					

Diesel Range Organics (ug/L)	650	(	200)	[1]	8.00	JB	(	200)	[1]	10.0	JB	(	200)	[1]			
Diesel Range Organics																		
Gasoline Range Organics (ug/L)	3500	(	100)	[1]	210	(	100)	[1]	180	(	100)	[1]	49.0	JB	[1]		
Gasoline Range Organics																		
SW8010 - Halogenated Volatile Organics (ug/L)																		
1,1,1,2-Tetrachloroethane	ND	(	0.0285)	[1]	ND	(	0.0400)	[1]	ND	(	0.0852)	[1]	ND	(	0.0400)	[1]	
1,1,1-Trichloroethane	ND	(0.138)	[1]	0.0299	PJB	(0.0920)	[1]	ND	(0.166)	[1]	0.163	B	(0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.0427)	[1]	ND	(	0.100)	[1]	ND	(	0.129)	[1]	ND	(	0.100)	[1]	
1,1,2-Trichloroethane	ND	(	0.0172)	[1]	ND	(	0.100)	[1]	ND	(	0.123)	[1]	ND	(	0.100)	[1]	
1,1-Dichloroethane	ND	(	0.0729)	[1]	0.0667	PB	(	0.0480)	[1]	0.184	(	0.0666)	[1]	ND	(	0.0480)	[1]
1,1-Dichloroethene	ND	(	0.0568)	[1]	ND	(	0.100)	[1]	ND	(	0.0501)	[1]	ND	(	0.100)	[1]	
1,2,3-Trichloropropane	ND	(	0.0367)	[1]	ND	(	0.120)	[1]	ND	(	0.154)	[1]	ND	(	0.120)	[1]	
1,2-Dichlorobenzene	ND	(	0.0288)	[1]	0.00650	KJB	(	0.170)	[1]	ND	(	0.0893)	[1]	ND	(	0.170)	[1]
1,2-Dichloroethane	ND	(	0.0286)	[1]	ND	(	0.0540)	[1]	ND	(	0.0800)	[1]	ND	(	0.0540)	[1]	
1,2-Dichloropropane	ND	(	0.0320)	[1]	ND	(	0.0750)	[1]	ND	(	0.0457)	[1]	ND	(	0.0750)	[1]	
1,3-Dichlorobenzene	ND	(	0.0902)	[1]	ND	(	0.150)	[1]	ND	(	0.0688)	[1]	ND	(	0.150)	[1]	
1,4-Dichlorobenzene	ND	(	0.0322)	[1]	0.00450	KJB	(	0.190)	[1]	ND	(	0.0553)	[1]	ND	(	0.190)	[1]
1-Chlorohexane	ND	(0.0957)	[1]	0.0162	KJB	(0.120)	[1]	0.0309	J	(0.154)	[1]	ND	(0.120)	[1]
2-Chloroethyl vinyl ether	ND	(	0.0281)	[1]	ND	(	0.170)	[1]	ND	(	0.194)	[1]	ND	(	0.170)	[1]	
Bromobenzene	ND	(	0.0693)	[1]	ND	(	0.530)	[1]	ND	(	0.132)	[1]	0.645	(	0.530)	[1]	
Bromodichloromethane	ND	(	0.0150)	[1]	ND	(	0.0680)	[1]	ND	(	0.0448)	[1]	ND	(	0.0680)	[1]	
Bromomethane	ND	(	0.161)	[1]	ND	(	0.0860)	[1]	ND	(	0.252)	[1]	ND	(	0.0560)	[1]	
Carbon tetrachloride	ND	(	0.0444)	[1]	ND	(	0.110)	[1]	ND	(	0.0693)	[1]	ND	(	0.110)	[1]	
Chlorobenzene	ND	(	0.0301)	[1]	ND	(	0.140)	[1]	ND	(	0.0513)	[1]	ND	(	0.140)	[1]	

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

R

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			008			008			005		
	10-MW-02	10-MW-03	10-MW-03-03	10-MW-02	10-MW-03	10-MW-03-03	10-MW-04	10-MW-04-01	10-MW-04-01	12-MW-01	12-MW-01-03	12-MW-01-03
LOCATION ID	008	008	008	008	008	008	008	008	008	008	008	008
SAMPLE ID	10-MW-02	10-MW-03	10-MW-03-03	10-MW-02	10-MW-03	10-MW-03-03	10-MW-04	10-MW-04-01	10-MW-04-01	12-MW-01	12-MW-01-03	12-MW-01-03
PARAMETER	008	008	008	008	008	008	008	008	008	008	008	008
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	008	008	008	008	008	008	008	008	008	008	008	008
Chloroethane	ND (0.0499)	[1]	ND (0.110)	[1]	ND (0.115)	[1]	ND (0.115)	[1]	ND (0.115)	[1]	ND (0.110)	[1]
Chloroform	ND (0.0512)	[1]	ND (0.0850)	[1]	ND (0.0533)	[1]	ND (0.0533)	[1]	ND (0.0533)	[1]	ND (0.0850)	[1]
Chloromethane	ND (0.0213)	[1]	ND (0.150)	[1]	ND (0.172)	[1]	ND (0.172)	[1]	ND (0.172)	[1]	ND (0.150)	[1]
Dibromochloromethane	ND (0.0101)	[1]	ND (0.170)	[1]	ND (0.114)	[1]	ND (0.114)	[1]	ND (0.114)	[1]	ND (0.170)	[1]
Dibromomethane	ND (0.0939)	[1]	ND (0.140)	[1]	ND (0.118)	[1]	ND (0.118)	[1]	ND (0.118)	[1]	ND (0.140)	[1]
Methylene chloride	ND (0.0430)	[1]	ND (0.220)	[1]	0.0371 JB (0.0562)	[1]	0.0371 JB (0.0562)	[1]	0.0371 JB (0.0562)	[1]	ND (0.220)	[1]
Tetrachloroethene	ND (0.0381)	[1]	0.00480 KJB (0.100)	[1]	ND (0.0759)	[1]	ND (0.0759)	[1]	ND (0.0759)	[1]	ND (0.100)	[1]
Tribromomethane(Bromoform)	ND (0.252)	[1]	ND (0.140)	[1]	ND (0.0281)	[1]	ND (0.0281)	[1]	ND (0.0281)	[1]	ND (0.140)	[1]
Trichloroethene	0.164 (0.0387)	[1]	0.00170 PJB (0.110)	[1]	ND (0.103)	[1]	ND (0.103)	[1]	ND (0.103)	[1]	ND (0.110)	[1]
Trichlorofluoromethane	ND (0.0603)	[1]	ND (0.0750)	[1]	ND (0.0637)	[1]	ND (0.0637)	[1]	ND (0.0637)	[1]	ND (0.0750)	[1]
Vinyl chloride	ND (0.0761)	[1]	ND (0.200)	[1]	ND (0.158)	[1]	ND (0.158)	[1]	ND (0.158)	[1]	ND (0.200)	[1]
cis-1,3-Dichloropropene	ND (0.0220)	[1]	ND (0.0740)	[1]	ND (0.0565)	[1]	ND (0.0565)	[1]	ND (0.0565)	[1]	ND (0.0740)	[1]
trans-1,2-Dichloroethene	ND (0.160)	[1]	ND (0.100)	[1]	ND (0.0448)	[1]	ND (0.0448)	[1]	ND (0.0448)	[1]	ND (0.100)	[1]
trans-1,3-Dichloropropene	ND (0.0302)	[1]	ND (0.0570)	[1]	ND (0.117)	[1]	ND (0.117)	[1]	ND (0.117)	[1]	ND (0.0570)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.38)	[1]	ND (2.38)	[1]	ND (2.38)	[1]	ND (2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.46)	[1]	ND (1.46)	[1]	ND (1.46)	[1]	ND (1.50)	[1]
Ethanol	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.301)	[1]	ND (0.301)	[1]	ND (0.301)	[1]	ND (0.300)	[1]
Ethyl ether	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.16)	[1]	ND (1.16)	[1]	ND (1.16)	[1]	ND (1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	27.8 P (1.78)	[25]	1.30 (0.700)	[5]	0.0450 PJB (0.0796)	[1]	0.0450 PJB (0.0796)	[1]	0.0450 PJB (0.0796)	[1]	ND (0.140)	[1]
1,3-Dichlorobenzene	4.23 P (2.48)	[25]	ND (0.650)	[5]	0.0637 JB (0.0756)	[1]	0.0637 JB (0.0756)	[1]	0.0637 JB (0.0756)	[1]	ND (0.130)	[1]
1,4-Dichlorobenzene	41.3 P (2.38)	[25]	0.500 J (0.650)	[5]	ND (0.0813)	[1]	ND (0.0813)	[1]	ND (0.0813)	[1]	ND (0.130)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																		
	008				008				005										
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID								
	10-MW-02		10-MW-03		10-MW-04		10-MW-01		10-MW-04-01		12-MW-01		12-MW-01-03						
	10-MW-02-03		10-MW-03-03		10-MW-04-01		10-MW-04-01		10-MW-04-01		12-MW-01-03		12-MW-01-03						

SW8020 - Aromatic Volatile Organics, cont. (ug/L)																			
Benzene	153	(1.75)	[25]	88.1	(0.395)	[5]	35.8	(0.0519)	[1]	0.0412	JB	(0.0790)	[1]		
Chlorobenzene	ND	(1.12)	[25]	0.489	PJ	(0.600)	[5]	0.0252	PB	(0.0140)	[1]	ND	(0.120)	[1]	
Ethylbenzene	74.6	(1.70)	[25]	0.146	J	(0.600)	[5]	0.0618	B	(0.0436)	[1]	0.0642	JB	(0.120)	[1]
Toluene	55.8	(1.20)	[25]	0.156	PJB	(0.550)	[5]	0.144	B	(0.0647)	[1]	0.0712	JB	(0.110)	[1]
Xylene (total)	403	(2.12)	[25]	15.0	(0.650)	[5]	1.37	B	(0.127)	[1]	0.131	B	(0.130)	[1]	

SW8080 - Organochlorine Pesticides and PCBs (ug/L)																			
4,4' -DDD	ND	(	0.00800)	[1]	ND	(	0.00808)	[1]	NA	(	0.00808)	[1]	ND	(	0.00808)	[1]
4,4' -DDE	ND	(	0.00540)	[1]	ND	(	0.00545)	[1]	NA	(	0.00545)	[1]	ND	(	0.00545)	[1]
4,4' -DDT	ND	(	0.0100)	[1]	ND	(	0.0101)	[1]	NA	(	0.0101)	[1]	ND	(	0.0101)	[1]
Aldrin	ND	(	0.00350)	[1]	0.0173	(	0.00354)	[1]	NA	(	0.00354)	[1]	ND	(	0.00354)	[1]
Chlordane	ND	(	0.0300)	[1]	ND	(	0.0303)	[1]	NA	(	0.0303)	[1]	ND	(	0.0303)	[1]
Dieldrin	ND	(	0.00800)	[1]	ND	(	0.00808)	[1]	NA	(	0.00808)	[1]	ND	(	0.00808)	[1]
Endosulfan I	ND	(	0.00620)	[1]	ND	(	0.00626)	[1]	NA	(	0.00626)	[1]	ND	(	0.00626)	[1]
Endosulfan II	ND	(	0.00540)	[1]	ND	(	0.00545)	[1]	NA	(	0.00545)	[1]	ND	(	0.00545)	[1]
Endosulfan Sulfate	0.00740	JB	(0.0140)	[1]	0.00900	JB	(0.0141)	[1]	NA	(0.0141)	[1]	0.0120	B	(0.0141)	[1]
Endrin	ND	(	0.0120)	[1]	ND	(	0.0121)	[1]	NA	(	0.0121)	[1]	ND	(	0.0121)	[1]
Endrin Aldehyde	ND	(	0.00660)	[1]	ND	(	0.00667)	[1]	NA	(	0.00667)	[1]	ND	(	0.00667)	[1]
Heptachlor	ND	(0.00540)	[1]	0.00820	B	(0.00545)	[1]	NA	(0.00545)	[1]	ND	(0.0333)	[1]		
Heptachlor epoxide	0.00510	PJB	(0.0250)	[1]	ND	(0.0253)	[1]	NA	(0.0253)	[1]	ND	(0.0253)	[1]		
Methoxychlor	ND	(	0.0490)	[1]	ND	(	0.0495)	[1]	NA	(	0.0495)	[1]	ND	(	0.0495)	[1]
PCB-1016	ND	(	0.100)	[1]	ND	(	0.101)	[1]	NA	(	0.101)	[1]	ND	(	0.101)	[1]
PCB-1221	ND	(	0.190)	[1]	ND	(	0.192)	[1]	NA	(	0.192)	[1]	ND	(	0.192)	[1]
PCB-1232	ND	(	0.0560)	[1]	ND	(	0.0566)	[1]	NA	(	0.0566)	[1]	ND	(	0.0566)	[1]
PCB-1242	ND	(	0.0580)	[1]	ND	(	0.0586)	[1]	NA	(	0.0586)	[1]	ND	(	0.0586)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008				008				005			
	LOCATION ID SAMPLE ID				LOCATION ID SAMPLE ID				LOCATION ID SAMPLE ID			
	10-MW-02	10-MW-02-03			10-MW-03	10-MW-03-03			10-MW-04	10-MW-04-01	12-MW-01	12-MW-01-03
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
PCB-1248	ND	(0.150)	[1]	ND	(0.152)	[1]	NA	ND	(0.152)	[1]	ND	(0.152)
PCB-1254	ND	(0.0790)	[1]	ND	(0.0798)	[1]	NA	ND	(0.0798)	[1]	ND	(0.0798)
PCB-1260	ND	(0.0450)	[1]	ND	(0.0455)	[1]	NA	ND	(0.0455)	[1]	ND	(0.0455)
Toxaphene	ND	(0.0100)	[1]	ND	(0.0101)	[1]	NA	ND	(0.0101)	[1]	ND	(0.0101)
alpha-BHC	ND	(0.00350)	[1]	ND	(0.00404)	[1]	NA	ND	(0.00404)	[1]	ND	(0.00404)
beta-BHC	ND	(0.00640)	[1]	0.0230	(0.00646)	[1]	NA	ND	(0.00646)	[1]	ND	(0.00646)
delta-BHC	ND	(0.00260)	[1]	ND	(0.00263)	[1]	NA	ND	(0.00263)	[1]	ND	(0.00263)
gamma-BHC(Lindane)	0.0191 P	(0.0130)	[1]	ND	(0.00465)	[1]	NA	ND	(0.00465)	[1]	ND	(0.00465)
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.596)	[1]	ND	(0.584)	[1]	ND	ND	(0.603)	[1]	ND	(0.590)
1,2-Dichlorobenzene	ND	(0.646)	[1]	ND	(0.634)	[1]	ND	ND	(0.795)	[1]	ND	(0.640)
1,3-Dichlorobenzene	ND	(0.727)	[1]	ND	(0.713)	[1]	ND	ND	(0.404)	[1]	ND	(0.720)
1,4-Dichlorobenzene	ND	(0.596)	[1]	ND	(0.584)	[1]	ND	ND	(0.824)	[1]	ND	(0.590)
2,4,5-Trichloropheno]	ND	(0.515)	[1]	ND	(0.505)	[1]	ND	ND	(0.337)	[1]	ND	(0.510)
2,4,6-Trichloropheno]	ND	(0.505)	[1]	ND	(0.495)	[1]	ND	ND	(0.356)	[1]	ND	(0.500)
2,4-Dichloropheno]	ND	(0.576)	[1]	ND	(0.564)	[1]	ND	ND	(0.452)	[1]	ND	(0.570)
2,4-Dimethylpheno]	8.07	(1.31)	[1]	ND	(1.29)	[1]	ND	ND	(1.12)	[1]	ND	(1.30)
2,4-Dinitrophenol	ND	(4.24)	[1]	ND	(4.16)	[1]	ND	ND	(7.14)	[1]	ND	(4.20)
2,4-Dinitrotoluene	ND	(0.596)	[1]	ND	(0.584)	[1]	ND	ND	(0.561)	[1]	ND	(0.590)
2,6-Dinitrotoluene	ND	(0.869)	[1]	ND	(0.851)	[1]	ND	ND	(0.353)	[1]	ND	(0.860)
2-Chloronaphthalene	ND	(0.394)	[1]	ND	(0.386)	[1]	ND	ND	(0.331)	[1]	ND	(0.390)
2-Chloropheno]	ND	(0.646)	[1]	ND	(0.634)	[1]	ND	ND	(0.780)	[1]	ND	(0.640)
2-Methylnaphthalene	6.81	(0.364)	[1]	ND	(0.356)	[1]	ND	ND	(0.673)	[1]	ND	(0.360)
2-Methylpheno] (o-cresol)	1.39	(0.313)	[1]	ND	(0.307)	[1]	ND	ND	(0.545)	[1]	ND	(0.310)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				005			
	LOCATION ID		008		008		12-MW-01	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		12-MW-01-03	
	10-MW-02	10-MW-03	10-MW-03	10-MW-04	10-MW-04	10-MW-04	10-MW-04	10-MW-04
	10-MW-02-03	10-MW-03-03	10-MW-03-03	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01
PARAMETER	10-MW-02-03	10-MW-03-03	10-MW-03-03	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01
SW8270 - Semivolatile Organics, cont. (ug/L)								
2-Nitroaniline	ND	(0.667)	[1]	ND	(0.653)	[1]	ND	(0.660)
2-Nitrophenol	ND	(0.525)	[1]	ND	(0.515)	[1]	ND	(0.520)
3,3'-Dichlorobenzidine	ND	(0.333)	[1]	ND	(0.327)	[1]	ND	(0.330)
3-Nitroaniline	ND	(0.394)	[1]	ND	(0.386)	[1]	ND	(0.390)
4,6-Dinitro-2-methylphenol	ND	(0.434)	[1]	ND	(0.426)	[1]	ND	(0.430)
4-Bromophenyl phenyl ether	ND	(0.495)	[1]	ND	(0.485)	[1]	ND	(0.490)
4-Chloro-3-methylphenol	ND	(0.525)	[1]	ND	(0.515)	[1]	ND	(0.520)
4-Chloroaniline	ND	(0.747)	[1]	ND	(0.733)	[1]	ND	(0.740)
4-Chlorophenyl phenyl ether	ND	(0.424)	[1]	ND	(0.416)	[1]	ND	(0.420)
4-Methylphenol(p-cresol)	1.71	(0.455)	[1]	ND	(0.455)	[1]	ND	(0.460)
4-Nitroaniline	ND	(0.616)	[1]	ND	(0.604)	[1]	ND	(0.610)
4-Nitrophenol	ND	(0.949)	[1]	ND	(0.931)	[1]	ND	(0.940)
Acenaphthene	ND	(0.273)	[1]	ND	(0.267)	[1]	ND	(0.270)
Acenaphthylene	ND	(0.424)	[1]	ND	(0.416)	[1]	ND	(0.420)
Anthracene	ND	(0.374)	[1]	ND	(0.366)	[1]	ND	(0.370)
Benzo(a)anthracene	ND	(0.455)	[1]	ND	(0.446)	[1]	ND	(0.450)
Benzo(a)pyrene	ND	(0.525)	[1]	ND	(0.515)	[1]	ND	(0.520)
Benzo(b)fluoranthene	ND	(0.919)	[1]	ND	(0.901)	[1]	ND	(0.910)
Benzo(g,h,i)perylene	ND	(1.01)	[1]	ND	(0.990)	[1]	ND	(1.00)
Benzo(k)fluoranthene	ND	(1.01)	[1]	ND	(0.990)	[1]	ND	(1.00)
Benzoic acid	3.27 J	(39.4)	[1]	ND	(38.6)	[1]	ND	(39.0)
Benzyl alcohol	ND	(0.616)	[1]	ND	(0.604)	[1]	ND	(0.610)
Butylbenzylphthalate	ND	(0.626)	[1]	ND	(0.614)	[1]	ND	(0.620)
Chrysene	ND	(0.545)	[1]	ND	(0.535)	[1]	ND	(0.540)
Di-n-butylphthalate	ND	(0.323)	[1]	ND	(0.317)	[1]	ND	(0.320)

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	008		008		008		008		008		005	
	10-MW-02	10-MW-03	10-MW-03	10-MW-03	10-MW-04	10-MW-04	10-MW-01	10-MW-01	10-MW-01	10-MW-01	12-MW-01	12-MW-01-03
	10-MW-02-03	10-MW-03-03	10-MW-03-03	10-MW-03-03	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	12-MW-01-03	12-MW-01-03
PARAMETER	008	008	008	008	008	008	008	008	008	008	005	005
SW8270 - Semivolatile Organics, cont. (ug/L)	10-MW-02	10-MW-03	10-MW-03	10-MW-03	10-MW-04	10-MW-04	10-MW-01	10-MW-01	10-MW-01	10-MW-01	12-MW-01	12-MW-01-03
Di-n-octylphthalate	ND (0.354) [1]	ND (0.347) [1]	ND (0.347) [1]	ND (0.347) [1]	ND (0.930) [1]	ND (0.930) [1]	ND (0.930) [1]	ND (0.930) [1]	ND (0.930) [1]	ND (0.930) [1]	ND (0.350) [1]	ND (0.350) [1]
Dibenz(a,h)anthracene	ND (0.818) [1]	ND (0.802) [1]	ND (0.802) [1]	ND (0.802) [1]	ND (0.484) [1]	ND (0.484) [1]	ND (0.484) [1]	ND (0.484) [1]	ND (0.484) [1]	ND (0.484) [1]	ND (0.810) [1]	ND (0.810) [1]
Dibenzofuran	ND (0.545) [1]	ND (0.535) [1]	ND (0.535) [1]	ND (0.535) [1]	ND (0.416) [1]	ND (0.416) [1]	ND (0.416) [1]	ND (0.416) [1]	ND (0.416) [1]	ND (0.416) [1]	ND (0.540) [1]	ND (0.540) [1]
Diethylphthalate	ND (0.525) [1]	ND (0.515) [1]	ND (0.515) [1]	ND (0.515) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.520) [1]	ND (0.520) [1]
Dimethylphthalate	ND (0.343) [1]	ND (0.337) [1]	ND (0.337) [1]	ND (0.337) [1]	ND (0.286) [1]	ND (0.286) [1]	ND (0.286) [1]	ND (0.286) [1]	ND (0.286) [1]	ND (0.286) [1]	ND (0.340) [1]	ND (0.340) [1]
Diphenylamine/N-NitrosodPA	NA	NA	NA	NA	ND (0.578) [1]	ND (0.578) [1]	ND (0.578) [1]	ND (0.578) [1]	ND (0.578) [1]	ND (0.578) [1]	ND (0.270) [1]	ND (0.270) [1]
Fluoranthene	ND (0.475) [1]	ND (0.465) [1]	ND (0.465) [1]	ND (0.465) [1]	ND (0.651) [1]	ND (0.651) [1]	ND (0.651) [1]	ND (0.651) [1]	ND (0.651) [1]	ND (0.651) [1]	ND (0.470) [1]	ND (0.470) [1]
Fluorene	ND (0.384) [1]	ND (0.376) [1]	ND (0.376) [1]	ND (0.376) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.343) [1]	ND (0.380) [1]	ND (0.380) [1]
Hexachlorobenzene	ND (0.313) [1]	ND (0.307) [1]	ND (0.307) [1]	ND (0.307) [1]	ND (0.239) [1]	ND (0.239) [1]	ND (0.239) [1]	ND (0.239) [1]	ND (0.239) [1]	ND (0.239) [1]	ND (0.310) [1]	ND (0.310) [1]
Hexachlorobutadiene	ND (0.515) [1]	ND (0.505) [1]	ND (0.505) [1]	ND (0.505) [1]	ND (0.712) [1]	ND (0.712) [1]	ND (0.712) [1]	ND (0.712) [1]	ND (0.712) [1]	ND (0.712) [1]	ND (0.510) [1]	ND (0.510) [1]
Hexachlorocyclopentadiene	ND (5.96) [1]	ND (5.84) [1]	ND (5.84) [1]	ND (5.84) [1]	ND (9.10) [1]	ND (9.10) [1]	ND (9.10) [1]	ND (9.10) [1]	ND (9.10) [1]	ND (9.10) [1]	ND (5.90) [1]	ND (5.90) [1]
Hexachloroethane	ND (0.636) [1]	ND (0.624) [1]	ND (0.624) [1]	ND (0.624) [1]	ND (0.606) [1]	ND (0.606) [1]	ND (0.606) [1]	ND (0.606) [1]	ND (0.606) [1]	ND (0.606) [1]	ND (0.630) [1]	ND (0.630) [1]
Indeno(1,2,3-cd)pyrene	ND (1.31) [1]	ND (1.29) [1]	ND (1.29) [1]	ND (1.29) [1]	ND (0.536) [1]	ND (0.536) [1]	ND (0.536) [1]	ND (0.536) [1]	ND (0.536) [1]	ND (0.536) [1]	ND (1.30) [1]	ND (1.30) [1]
Isophorone	ND (0.626) [1]	ND (0.614) [1]	ND (0.614) [1]	ND (0.614) [1]	ND (0.293) [1]	ND (0.293) [1]	ND (0.293) [1]	ND (0.293) [1]	ND (0.293) [1]	ND (0.293) [1]	ND (0.620) [1]	ND (0.620) [1]
N-Nitroso-di-n-propylamine	ND (0.657) [1]	ND (0.644) [1]	ND (0.644) [1]	ND (0.644) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.650) [1]	ND (0.650) [1]
N-Nitrosodiphenylamine	ND (0.273) [1]	ND (0.267) [1]	ND (0.267) [1]	ND (0.267) [1]	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	14.5 (0.485) [1]	0.751 (0.475) [1]	0.751 (0.475) [1]	0.751 (0.475) [1]	ND (0.744) [1]	ND (0.744) [1]	ND (0.744) [1]	ND (0.744) [1]	ND (0.744) [1]	ND (0.744) [1]	ND (0.480) [1]	ND (0.480) [1]
Nitrobenzene	ND (0.848) [1]	ND (0.832) [1]	ND (0.832) [1]	ND (0.832) [1]	ND (0.539) [1]	ND (0.539) [1]	ND (0.539) [1]	ND (0.539) [1]	ND (0.539) [1]	ND (0.539) [1]	ND (0.840) [1]	ND (0.840) [1]
Pentachlorophenol	ND (0.899) [1]	ND (0.881) [1]	ND (0.881) [1]	ND (0.881) [1]	ND (0.882) [1]	ND (0.882) [1]	ND (0.882) [1]	ND (0.882) [1]	ND (0.882) [1]	ND (0.882) [1]	ND (0.890) [1]	ND (0.890) [1]
Phenanthrene	ND (0.475) [1]	ND (0.465) [1]	ND (0.465) [1]	ND (0.465) [1]	ND (0.635) [1]	ND (0.635) [1]	ND (0.635) [1]	ND (0.635) [1]	ND (0.635) [1]	ND (0.635) [1]	ND (0.470) [1]	ND (0.470) [1]
Phenol	5.66 (0.889) [1]	ND (0.871) [1]	ND (0.871) [1]	ND (0.871) [1]	ND (0.407) [1]	ND (0.407) [1]	ND (0.407) [1]	ND (0.407) [1]	ND (0.407) [1]	ND (0.407) [1]	ND (0.880) [1]	ND (0.880) [1]
Pyrene	ND (0.414) [1]	ND (0.406) [1]	ND (0.406) [1]	ND (0.406) [1]	ND (0.478) [1]	ND (0.478) [1]	ND (0.478) [1]	ND (0.478) [1]	ND (0.478) [1]	ND (0.478) [1]	ND (0.410) [1]	ND (0.410) [1]
bis(2-Chloroethoxy)methane	ND (0.616) [1]	ND (0.604) [1]	ND (0.604) [1]	ND (0.604) [1]	ND (0.573) [1]	ND (0.573) [1]	ND (0.573) [1]	ND (0.573) [1]	ND (0.573) [1]	ND (0.573) [1]	ND (0.610) [1]	ND (0.610) [1]
bis(2-Chloroethyl)ether	ND (0.384) [1]	ND (0.376) [1]	ND (0.376) [1]	ND (0.376) [1]	ND (0.747) [1]	ND (0.747) [1]	ND (0.747) [1]	ND (0.747) [1]	ND (0.747) [1]	ND (0.747) [1]	ND (0.380) [1]	ND (0.380) [1]
bis(2-Chloroisopropyl)ether	ND (0.808) [1]	ND (0.792) [1]	ND (0.792) [1]	ND (0.792) [1]	ND (0.741) [1]	ND (0.741) [1]	ND (0.741) [1]	ND (0.741) [1]	ND (0.741) [1]	ND (0.741) [1]	ND (0.800) [1]	ND (0.800) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
SW8270 - Semivolatile Organics, cont. (ug/L)	008	008	005	
	10-MW-02	10-MW-03	12-MW-01	
	10-MW-02-03	10-MW-03-03	10-MW-04-01	12-MW-01-03
bis(2-Ethylhexyl)phthalate	ND (0.586)	[1]	ND (0.574)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)	ND	[1]	ND	(0.580)
	NA		NA	
	NA		NA	(0.594)
	NA		NA	(0.812)
	NA		NA	(0.139)
	NA		NA	(0.00277)
	NA		NA	
	NA		0.00270 JB	(0.00356)
	NA		0.00810 JB	(0.0109)
	NA		ND	(0.0277)
	NA		0.00590 B	(0.00158)
	NA		ND	(0.0485)
	NA		0.00540 JB	(0.00842)
	NA		ND	(0.0495)
	NA		ND	(0.0792)
	NA		0.00220 JB	(0.00366)
	NA		0.0893 JB	(0.545)
	NA		ND	(0.158)
	NA		ND	(0.0525)

Compiled: 16 March 1995

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NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		5	
	12-MW-02		12-MW-02		12-MW-02		12-MW-02-03 Dup of		22-GP-01	
	12-MW-02-03		12-MW-02-03		12-MW-02-03		12-MW-02-03		22-GP-01-01	
									22-GP-02	
									22-GP-02-01	
Diesel Range Organics (ug/L)										
Diesel Range Organics	13.0 JB (	200)	[1]	11.0 JB (	200)	[1]	1300	(	200)	[1]
								3.00 JB (	200)	[1]
Gasoline Range Organics (ug/L)										
Gasoline Range Organics	27.0 JB (	100)	[1]	25.0 JB (	100)	[1]	80.0 J (	100)		[1]
								26.0 JB (	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	0.00370 JB (	0.0400)	[1]	ND (	0.0400)	[1]	ND	(	0.0285)	[1]
1,1,1-Trichloroethane	ND (	0.0920)	[1]	ND (	0.0920)	[1]	0.214 B	(	0.138)	[1]
1,1,2,2-Tetrachloroethane	ND (	0.100)	[1]	ND (	0.100)	[1]	ND	(	0.0427)	[1]
1,1,2-Trichloroethane	ND (	0.100)	[1]	ND (	0.100)	[1]	ND	(	0.0172)	[1]
1,1-Dichloroethane	ND (	0.0480)	[1]	ND (	0.0480)	[1]	ND	(	0.0729)	[1]
1,1-Dichloroethane	ND (	0.100)	[1]	ND (	0.100)	[1]	ND	(	0.0568)	[1]
1,2,3-Trichloropropane	ND (	0.120)	[1]	ND (	0.120)	[1]	ND	(	0.0367)	[1]
1,2-Dichlorobenzene	ND (	0.170)	[1]	ND (	0.170)	[1]	ND	(	0.0288)	[1]
1,2-Dichloroethane	ND (	0.0540)	[1]	ND (	0.0540)	[1]	ND	(	0.0286)	[1]
1,2-Dichloropropane	ND (	0.0750)	[1]	ND (	0.0750)	[1]	ND	(	0.0320)	[1]
1,3-Dichlorobenzene	ND (	0.150)	[1]	ND (	0.150)	[1]	ND	(	0.0902)	[1]
1,4-Dichlorobenzene	ND (	0.190)	[1]	ND (	0.190)	[1]	0.0149 JB	(	0.0322)	[1]
1-Chlorohexane	ND (	0.120)	[1]	ND (	0.120)	[1]	ND	(	0.0957)	[1]
2-Chloroethyl vinyl ether	ND (	0.170)	[1]	ND (	0.170)	[1]	ND	(	0.0281)	[1]
Bromobenzene	ND (	0.530)	[1]	0.0200 KJB (	0.530)	[1]	ND	(	0.0693)	[1]
Bromodichloromethane	ND (	0.0680)	[1]	ND (	0.0680)	[1]	ND	(	0.0150)	[1]
Bromomethane	ND (	0.0560)	[1]	ND (	0.0560)	[1]	ND	(	0.161)	[1]
Carbon tetrachloride	ND (0.110)	[1]	ND (0.110)	[1]	ND	(0.0444)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID		LOCATION ID		SAMPLE ID								
005		005		5								
12-MW-02		12-MW-02		22-GP-01								
12-MW-02-03		12-MW-02-DS-03 Dup of		22-GP-01-01								
12-MW-02-03		12-MW-02-03		22-GP-02-01								
PARAMETER												

SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chlorobenzene	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.0301)	[1]	ND	(0.0301)	[1]
Chloroethane	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.0499)	[1]	ND	(0.0499)	[1]
Chloroform	ND	(0.0850)	[1]	ND	(0.0850)	[1]	ND	(0.0512)	[1]	ND	(0.0512)	[1]
Chloromethane	0.0301 JB	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.0213)	[1]	0.0201 JB	(0.0213)	[1]
Dibromochloromethane	ND	(0.170)	[1]	ND	(0.0820)	[1]	ND	(0.0101)	[1]	ND	(0.0101)	[1]
Dibromomethane	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.0939)	[1]	ND	(0.0939)	[1]
Methylene chloride	ND	(0.220)	[1]	ND	(0.220)	[1]	0.149 B	(0.0430)	[1]	0.148 B	(0.0430)	[1]
Tetrachloroethene	ND	(0.100)	[1]	ND	(0.100)	[1]	0.00590 JB	(0.0381)	[1]	ND	(0.0381)	[1]
Tribromomethane(Bromoform)	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.252)	[1]	ND	(0.252)	[1]
Trichloroethene	ND	(0.110)	[1]	ND	(0.110)	[1]	0.00820 J	(0.0387)	[1]	ND	(0.0387)	[1]
Trichlorofluoromethane	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0603)	[1]	ND	(0.0603)	[1]
Vinyl chloride	0.0565 J	(0.200)	[1]	ND	(0.200)	[1]	ND	(0.0761)	[1]	ND	(0.0761)	[1]
cis-1,3-Dichloropropene	ND	(0.0740)	[1]	ND	(0.0740)	[1]	ND	(0.0220)	[1]	ND	(0.0220)	[1]
trans-1,2-Dichloroethene	ND	(0.100)	[1]	ND	(0.100)	[1]	ND	(0.160)	[1]	ND	(0.160)	[1]
trans-1,3-Dichloropropene	ND	(0.0570)	[1]	ND	(0.0570)	[1]	ND	(0.0302)	[1]	ND	(0.0302)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND	(2.40)	[1]	ND	(2.40)	[1]	ND	(2.38)	[1]	ND	(2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(1.50)	[1]	ND	(1.50)	[1]	ND	(1.46)	[1]	ND	(1.46)	[1]
Ethanol	ND	(0.300)	[1]	ND	(0.300)	[1]	ND	(0.301)	[1]	ND	(0.301)	[1]
Ethyl ether	ND	(1.20)	[1]	ND	(1.20)	[1]	ND	(1.16)	[1]	ND	(1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.140)	[1]	ND	(0.140)	[1]	0.174 PB	(0.0263)	[1]	0.0481 PJB	(0.0796)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]</

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		5		5	
	12-MW-02	12-MW-02-03	12-MW-02	12-MW-02-DS-03 Dup of	12-MW-02-03	12-MW-02	22-GP-01	22-GP-01-01	22-GP-02	22-GP-02-01
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Chloronaphthalene	ND	(0.386)	ND	(0.390)	[1]	ND	(0.413)	[1]	ND	(0.400)
2-Chlorophenol	ND	(0.634)	ND	(0.640)	[1]	ND	(0.668)	[1]	ND	(0.648)
2-Methylnaphthalene	ND	(0.356)	ND	(0.360)	[1]	1.45	(0.383)	[1]	ND	(0.371)
2-Methylphenol (o-cresol)	ND	(0.307)	ND	(0.310)	[1]	1.97	(0.326)	[1]	ND	(0.316)
2-Nitroaniline	ND	(0.653)	ND	(0.660)	[1]	ND	(0.698)	[1]	ND	(0.677)
2-Nitrophenol	ND	(0.515)	ND	(0.520)	[1]	ND	(0.549)	[1]	ND	(0.533)
3,3'-Dichlorobenzidine	ND	(0.327)	ND	(0.330)	[1]	ND	(0.351)	[1]	ND	(0.340)
3-Nitroaniline	ND	(0.386)	ND	(0.390)	[1]	ND	(0.414)	[1]	ND	(0.401)
4,6-Dinitro-2-methylphenol	ND	(0.426)	ND	(0.430)	[1]	ND	(0.453)	[1]	ND	(0.439)
4-Bromophenyl phenyl ether	ND	(0.485)	ND	(0.490)	[1]	ND	(0.509)	[1]	ND	(0.494)
4-Chloro-3-methylphenol	ND	(0.515)	ND	(0.520)	[1]	ND	(0.542)	[1]	ND	(0.526)
4-Chloroaniline	ND	(0.733)	ND	(0.740)	[1]	ND	(0.784)	[1]	ND	(0.760)
4-Chlorophenyl phenyl ether	ND	(0.416)	ND	(0.420)	[1]	ND	(0.443)	[1]	ND	(0.430)
4-Methylphenol (p-cresol)	ND	(0.455)	ND	(0.460)	[1]	53.9 F	(0.483)	[1]	ND	(0.468)
4-Nitroaniline	ND	(0.604)	ND	(0.610)	[1]	ND	(0.638)	[1]	ND	(0.618)
4-Nitrophenol	ND	(0.931)	ND	(0.940)	[1]	ND	(0.986)	[1]	ND	(0.956)
Acenaphthene	ND	(0.267)	ND	(0.270)	[1]	2.51	(0.286)	[1]	ND	(0.278)
Acenaphthylene	ND	(0.416)	ND	(0.420)	[1]	ND	(0.440)	[1]	ND	(0.427)
Anthracene	ND	(0.366)	ND	(0.370)	[1]	0.263 J	(0.387)	[1]	ND	(0.376)
Benzo(a)anthracene	ND	(0.446)	ND	(0.450)	[1]	ND	(0.473)	[1]	ND	(0.458)
Benzo(a)pyrene	ND	(0.515)	ND	(0.520)	[1]	ND	(0.545)	[1]	ND	(0.529)
Benzo(b)fluoranthene	ND	(0.901)	ND	(0.910)	[1]	ND	(0.956)	[1]	ND	(0.927)
Benzo(g,h,i)perylene	ND	(0.990)	ND	(1.00)	[1]	ND	(1.07)	[1]	ND	(1.04)
Benzo(k)fluoranthene	ND	(0.990)	ND	(1.00)	[1]	ND	(1.05)	[1]	ND	(1.02)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		5		5		5	
	12-MW-02	12-MW-02-03	12-MW-02	12-MW-02-DS-03 Dup of 12-MW-02-03	22-GP-01	22-GP-01-01	22-GP-02	22-GP-02-01	22-GP-02	22-GP-02-01
SW8270 - Semivolatile Organics, cont. (ug/L)										
Benzoic acid	ND	(38.6)	[1]	ND	(39.0)	[1]	418	(203)	ND	(39.4)
Benzyl alcohol	ND	(0.604)	[1]	ND	(0.610)	[1]	ND	(0.642)	ND	(0.622)
Butylbenzylphthalate	ND	(0.614)	[1]	ND	(0.620)	[1]	ND	(0.658)	ND	(0.638)
Chrysene	ND	(0.535)	[1]	ND	(0.540)	[1]	ND	(0.565)	ND	(0.548)
Di-n-butylphthalate	ND	(0.317)	[1]	ND	(0.320)	[1]	ND	(0.341)	ND	(0.331)
Di-n-octylphthalate	ND	(0.347)	[1]	ND	(0.350)	[1]	ND	(0.371)	ND	(0.359)
Dibenz(a,h)anthracene	ND	(0.802)	[1]	ND	(0.810)	[1]	ND	(0.854)	ND	(0.828)
Dibenzofuran	ND	(0.535)	[1]	ND	(0.540)	[1]	0.687	(0.565)	ND	(0.548)
Diethylphthalate	ND	(0.515)	[1]	ND	(0.520)	[1]	ND	(0.542)	ND	(0.526)
Dimethylphthalate	ND	(0.337)	[1]	ND	(0.340)	[1]	ND	(0.354)	ND	(0.343)
Diphenylamine/N-NitrosDPA	ND	(0.267)	[1]	ND	(0.270)	[1]	ND	(0.283)	ND	(0.274)
Fluoranthene	ND	(0.465)	[1]	ND	(0.470)	[1]	ND	(0.496)	ND	(0.481)
Fluorene	ND	(0.376)	[1]	ND	(0.380)	[1]	0.841	(0.400)	ND	(0.388)
Hexachlorobenzene	ND	(0.307)	[1]	ND	(0.310)	[1]	ND	(0.331)	ND	(0.320)
Hexachlorobutadiene	ND	(0.505)	[1]	ND	(0.510)	[1]	ND	(0.539)	ND	(0.522)
Hexachlorocyclopentadiene	ND	(5.84)	[1]	ND	(5.90)	[1]	ND	(6.20)	ND	(6.01)
Hexachloroethane	ND	(0.624)	[1]	ND	(0.630)	[1]	ND	(0.668)	ND	(0.648)
Indeno(1,2,3-cd)pyrene	ND	(1.29)	[1]	ND	(1.30)	[1]	ND	(1.40)	ND	(1.36)
Isophorone	ND	(0.614)	[1]	ND	(0.620)	[1]	ND	(0.648)	ND	(0.629)
N-Nitroso-di-n-propylamine	ND	(0.644)	[1]	ND	(0.650)	[1]	ND	(0.688)	ND	(0.667)
Naphthalene	ND	(0.475)	[1]	ND	(0.480)	[1]	9.18	(0.503)	ND	(0.488)
Nitrobenzene	ND	(0.832)	[1]	ND	(0.840)	[1]	ND	(0.886)	ND	(0.859)
Pentachloropheno1	ND	(0.881)	[1]	ND	(0.890)	[1]	1.91	(0.936)	ND	(0.907)
Phenanthrene	ND	(0.465)	[1]	ND	(0.470)	[1]	0.818	(0.493)	ND	(0.478)

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L)	005	12-MW-02	005	12-MW-02	005	12-MW-02	005	12-MW-02	005	12-MW-02
	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03
	Phenol	ND (0.871)	[1]	ND (0.880)	[1]	132 (0.929)	[1]	ND (0.901)	[1]	ND (0.901)
	Pyrene	ND (0.406)	[1]	ND (0.410)	[1]	ND (0.429)	[1]	ND (0.416)	[1]	ND (0.416)
	bis(2-Chloroethoxy)methane	ND (0.604)	[1]	ND (0.610)	[1]	ND (0.638)	[1]	ND (0.618)	[1]	ND (0.618)
	bis(2-Chloroethyl)ether	ND (0.376)	[1]	ND (0.380)	[1]	ND (0.403)	[1]	ND (0.391)	[1]	ND (0.391)
	bis(2-Chloroisopropyl)ether	ND (0.792)	[1]	ND (0.800)	[1]	ND (0.840)	[1]	ND (0.814)	[1]	ND (0.814)
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)	bis(2-Ethylhexyl)phthalate	ND (0.574)	[1]	ND (0.580)	[1]	0.961 B (0.612)	[1]	ND (0.593)	[1]	ND (0.593)
	Acenaphthene	ND (0.632)	[1]	ND (0.600)	[1]	NA	NA	NA	NA	NA
	Acenaphthylene	ND (0.863)	[1]	ND (0.820)	[1]	NA	NA	NA	NA	NA
	Anthracene	ND (0.147)	[1]	ND (0.140)	[1]	NA	NA	NA	NA	NA
	Benzo(a)anthracene	ND (0.00295)	[1]	ND (0.00280)	[1]	NA	NA	NA	NA	NA
	Benzo(a)pyrene	ND (0.00379)	[1]	0.00840 B (0.00360)	[1]	NA	NA	NA	NA	NA
	Benzo(b)fluoranthene	ND (0.0116)	[1]	ND (0.0110)	[1]	NA	NA	NA	NA	NA
	Benzo(g,h,i)perylene	ND (0.0295)	[1]	ND (0.0280)	[1]	NA	NA	NA	NA	NA
	Benzo(k)fluoranthene	ND (0.00168)	[1]	ND (0.00160)	[1]	NA	NA	NA	NA	NA
	Chrysene	ND (0.0516)	[1]	ND (0.0490)	[1]	NA	NA	NA	NA	NA
	Dibenz(a,h)anthracene	ND (0.00895)	[1]	0.00330 JB (0.00850)	[1]	NA	NA	NA	NA	NA
	Fluoranthene	ND (0.0526)	[1]	ND (0.0500)	[1]	NA	NA	NA	NA	NA
	Fluorene	0.0281 JB (0.0842)	[1]	ND (0.0800)	[1]	NA	NA	NA	NA	NA
	Indeno(1,2,3-cd)pyrene	ND (0.00389)	[1]	0.0191 B (0.00370)	[1]	NA	NA	NA	NA	NA
	Naphthalene	ND (0.579)	[1]	0.0230 JB (0.550)	[1]	NA	NA	NA	NA	NA
	Phenanthrene	ND (0.168)	[1]	ND (0.160)	[1]	NA	NA	NA	NA	NA
	Pyrene	ND (0.0558)	[1]	ND (0.0530)	[1]	NA	NA	NA	NA	NA

Compiled: 16 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	5	
	22-GP-03	
	22-GP-03-01	

Diesel Range Organics (ug/L)	1.00 JB (	200) [1]
Diesel Range Organics		
Gasoline Range Organics (ug/L)	40.0 JB (	100) [1]
Gasoline Range Organics		
SW8010 - Halogenated Volatile Organics (ug/L)		
1,1,1,2-Tetrachloroethane	ND (	0.0285) [1]
1,1,1-Trichloroethane	0.0551 JB (	0.138) [1]
1,1,2,2-Tetrachloroethane	ND (	0.0427) [1]
1,1,2-Trichloroethane	ND (	0.0172) [1]
1,1-Dichloroethane	ND (	0.0729) [1]
1,1-Dichloroethene	ND (	0.0568) [1]
1,2,3-Trichloropropane	ND (	0.0367) [1]
1,2-Dichlorobenzene	ND (	0.0288) [1]
1,2-Dichloroethane	ND (	0.0286) [1]
1,2-Dichloropropane	ND (	0.0320) [1]
1,3-Dichlorobenzene	ND (	0.0902) [1]
1,4-Dichlorobenzene	ND (	0.0322) [1]
1-Chlorohexane	ND (	0.0957) [1]
2-Chloroethyl vinyl ether	ND (	0.0281) [1]
Bromobenzene	ND (	0.0693) [1]
Bromodichloromethane	ND (	0.0150) [1]
Bromomethane	ND (	0.161) [1]
Carbon tetrachloride	ND (0.0444) [1]
Chlorobenzene	ND (0.0301) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID

SW8010 - Halogenated Volatile Organics, cont. (ug/L)		
Chloroethane	ND (0.0499)	[1]
Chloroform	ND (0.0512)	[1]
Chloromethane	0.0191 JB (0.0213)	[1]
Dibromochloromethane	ND (0.0101)	[1]
Dibromomethane	ND (0.0939)	[1]
Methylene chloride	0.171 B (0.0430)	[1]
Tetrachloroethene	ND (0.0381)	[1]
Tribromomethane(Bromoform)	ND (0.252)	[1]
Trichloroethene	ND (0.0387)	[1]
Trichlorofluoromethane	ND (0.0603)	[1]
Vinyl chloride	ND (0.0761)	[1]
cis-1,3-Dichloropropene	ND (0.0220)	[1]
trans-1,2-Dichloroethene	ND (0.160)	[1]
trans-1,3-Dichloropropene	ND (0.0302)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)		
2-Butanone(MEK)	ND (2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]
Ethanol	ND (0.301)	[1]
Ethyl ether	ND (1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)		
1,2-Dichlorobenzene	0.0149 KJB (0.0796)	[1]
1,3-Dichlorobenzene	0.0512 KJB (0.0756)	[1]
1,4-Dichlorobenzene	ND (0.0131)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

5		SITE ID	
22-GP-03		LOCATION ID	
22-GP-03-01		SAMPLE ID	

PARAMETER	-----		
SW8020 - Aromatic Volatile Organics, cont. (ug/L)			
Benzene	0.172 B (	0.00980)	[1]
Chlorobenzene	0.0363 KJ (	0.0452)	[1]
Ethylbenzene	0.0871 B (	0.0199)	[1]
Toluene	0.586 B (	0.0330)	[1]
Xylene (total)	0.350 B (	0.0528)	[1]
SW8270 - Semivolatile Organics (ug/L)			
1,2,4-Trichlorobenzene	ND	(0.600)	[1]
1,2-Dichlorobenzene	ND	(0.648)	[1]
1,3-Dichlorobenzene	ND	(0.732)	[1]
1,4-Dichlorobenzene	ND	(0.600)	[1]
2,4,5-Trichloropheno]	ND	(0.519)	[1]
2,4,6-Trichloropheno]	ND	(0.516)	[1]
2,4-Dichloropheno]	ND	(0.581)	[1]
2,4-Dimethylpheno]	ND	(1.33)	[1]
2,4-Dinitrophenol	ND	(4.27)	[1]
2,4-Dinitrotoluene	ND	(0.603)	[1]
2,6-Dinitrotoluene	ND	(0.879)	[1]
2-Chloronaphthalene	ND	(0.400)	[1]
2-Chloropheno]	ND	(0.648)	[1]
2-Methylnaphthalene	ND	(0.371)	[1]
2-Methylpheno] (o-cresol)	ND	(0.316)	[1]
2-Nitroaniline	ND	(0.677)	[1]
2-Nitrophenol	ND	(0.533)	[1]
3,3'-Dichlorobenzidine	ND	(0.340)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

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Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SW8270 - Semivolatile Organics, cont. (ug/L)	
Diethylphthalate	ND	(0.526) [1]
Dimethylphthalate	ND	(0.343) [1]
Diphenylamine/N-NitrosoDPA	ND	(0.274) [1]
Fluoranthene	ND	(0.481) [1]
Fluorene	ND	(0.388) [1]
Hexachlorobenzene	ND	(0.320) [1]
Hexachlorobutadiene	ND	(0.522) [1]
Hexachlorocyclopentadiene	ND	(6.01) [1]
Hexachloroethane	ND	(0.648) [1]
Indeno(1,2,3-cd)pyrene	ND	(1.36) [1]
Isophorone	ND	(0.629) [1]
N-Nitroso-di-n-propylamine	ND	(0.667) [1]
Naphthalene	ND	(0.488) [1]
Nitrobenzene	ND	(0.859) [1]
Pentachloropheno1	ND	(0.907) [1]
Phenanthrene	ND	(0.478) [1]
Pheno1	ND	(0.901) [1]
Pyrene	ND	(0.416) [1]
bis(2-Chloroethoxy)methane	ND	(0.618) [1]
bis(2-Chloroethyl) ether	ND	(0.391) [1]
bis(2-Chloroisopropyl) ether	ND	(0.814) [1]
bis(2-Ethylhexyl) phthalate	ND	(0.593) [1]

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	001	001	001	001	001	001
	01-MW-01	01-MW-02	01-MW-03	01-MW-07	01-MW-08	01-MW-08-01
	01-MW-01-03	01-MW-02-03		01-MW-07-01		

E160.1 - Residue, Filterable (TDS) (mg/L)						
Total dissolved solids	679 (10.0) [1]	720 (10.0) [1]	746 (8.67) [1]	768 (8.67) [1]		
E160.2 - Residue, Non-Filterable (mg/L)						
Total suspended solids	NA	NA	8.00 (7.90) [1]	5.00 J (7.90) [1]		
E300 - Anions (mg/L)						
Chloride	NA	NA	1.48 (0.0400) [2]	3.46 (0.0200) [1]		
Sulfate	NA	NA	63.7 (0.120) [2]	16.8 (0.0600) [1]		
E353.1 - Nitrate-Nitrite (mg/L)						
Nitrate-Nitrite as N	NA	NA	0.177 (0.0100) [1]	ND (0.0100) [1]		
SW6010 - Metals (mg/L)						
Aluminum	0.0249 JB (0.0280) [1]	0.0188 JB (0.0280) [1]	-0.00528 JB (0.0284) [1]	0.0189 JB (0.0284) [1]		
Antimony	0.000310 JB (0.0240) [1]	0.00997 JB (0.0240) [1]	0.00428 JB (0.0241) [1]	-0.0213 JB (0.0241) [1]		
Arsenic	0.0196 J (0.0230) [1]	-0.0251 J (0.0230) [1]	0.00739 J (0.0225) [1]	0.0128 J (0.0225) [1]		
Barium	0.502 (0.000530) [1]	0.370 (0.000530) [1]	0.183 (0.000530) [1]	0.303 (0.000530) [1]		
Beryllium	-0.000120 JB (0.000550) [1]	0.0000100 JB (0.000550) [1]	-0.000680 JB (0.000554) [1]	-0.000800 JB (0.000554) [1]		
Cadmium	0.00214 B (0.00170) [1]	0.00181 B (0.00170) [1]	0.00389 (0.00172) [1]	0.00147 JB (0.00172) [1]		
Calcium	180 (0.150) [1]	195 (0.150) [1]	184 (0.148) [1]	210 (0.148) [1]		
Chromium	0.00466 (0.00250) [1]	0.000910 JB (0.00250) [1]	0.000600 JB (0.00249) [1]	0.00195 JB (0.00249) [1]		
Cobalt	-0.00228 JB (0.00340) [1]	0.00460 B (0.00340) [1]	0.00205 JB (0.00340) [1]	0.0122 (0.00340) [1]		
Copper	0.00154 JB (0.00380) [1]	0.00128 JB (0.00380) [1]	0.00280 JB (0.00381) [1]	0.00139 JB (0.00381) [1]		
Iron	38.7 (0.00600) [1]	13.3 (0.00600) [1]	0.0605 B (0.00596) [1]	6.58 (0.00596) [1]		
Lead	0.0414 (0.0270) [1]	-0.00203 J (0.0270) [1]	0.0412 (0.0270) [1]	0.0238 J (0.0270) [1]		

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	001		001		001		001		001		
	01-MW-01		01-MW-02		01-MW-07		01-MW-08		01-MW-08-01		
	01-MW-01-03		01-MW-02-03		01-MW-07-01		01-MW-08-01		01-MW-08-01		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	

SW6010 - Metals, cont. (mg/L)											
Magnesium	35.1	(0.0230)	[1]	44.5	(0.0230)	[1]	52.2	(0.0228)	[1]	44.2	(0.0228)
Manganese	10.5	(0.000390)	[1]	4.73	(0.000390)	[1]	2.32	(0.000395)	[1]	15.1	(0.000395)
Molybdenum	-0.00194	JB (0.00460)	[1]	-0.00356	JB (0.00460)	[1]	0.000710	JB (0.00463)	[1]	0.00415	JB (0.00463)
Nickel	0.00575	JB (0.00990)	[1]	0.0253	(0.00990)	[1]	0.0184	(0.00986)	[1]	0.0326	(0.00986)
Potassium	4.71	(0.370)	[1]	4.24	(0.370)	[1]	5.43	(0.370)	[1]	4.60	(0.370)
Selenium	0.0190	J (0.0420)	[1]	-0.0142	J (0.0420)	[1]	-0.00153	J (0.0417)	[1]	0.0182	J (0.0417)
Silver	-0.000310	JB (0.00490)	[1]	-0.00118	JB (0.00490)	[1]	0.0000200	JB (0.00492)	[1]	0.00243	JB (0.00492)
Sodium	6.16	(0.0400)	[1]	7.80	(0.0400)	[1]	11.7	(0.0397)	[1]	8.56	(0.0397)
Thallium	-0.0279	JB (0.0170)	[1]	-0.0163	JB (0.0170)	[1]	0.0228	B (0.0172)	[1]	0.0148	JB (0.0172)
Vanadium	-0.000120	JB (0.00240)	[1]	-0.00300	JB (0.00240)	[1]	0.00242	B (0.00236)	[1]	0.00218	JB (0.00236)
Zinc	0.00937	(0.00150)	[1]	0.0115	(0.00150)	[1]	0.00971	(0.00153)	[1]	0.0164	(0.00153)

SW7060 - Arsenic (mg/L)											
Arsenic	0.0104	(0.000650)	[1]	-0.000200	JB (0.000650)	[1]	-0.00330	JB (0.000657)	[1]	0.00100	(0.000657)

SW7421 - Lead (mg/L)											
Lead	0.00110	B (0.00110)	[1]	0.00180	B (0.00110)	[1]	0.0148	S (0.000800)	[1]	0.00480	SB (0.000800)

SW7470 - Mercury (mg/L)											
Mercury	0.000200	(0.0000480)	[1]	0.000220	(0.0000480)	[1]	0.000160	B (0.0000480)	[1]	-0.0000300	B (0.0000480)

SW7740 - Selenium (mg/L)											
Selenium	0.00350	S (0.00288)	[2]	0.00738	S (0.00144)	[1]	-0.00529	JB (0.000843)	[1]	-0.00626	JB (0.000843)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		008	04	04
		02-GW-01	04-MW-02	04-MW-03
		02-GW-01-03	04-MW-02-03	04-MW-03-03

E160.1 - Residue, Filterable (TDS) (mg/L)				
Total dissolved solids	278 (10.0) [1]	283 (10.0) [1]	NA	NA
E300 - Anions (mg/L)				
Chloride	1.05 (0.0200) [1]	1.13 (0.0200) [1]	NA	NA
Sulfate	0.00 JB (0.0600) [1]	0.00 JB (0.0600) [1]	NA	NA
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	ND (0.0100) [1]	ND (0.0100) [1]	NA	NA
SW6010 - Metals (mg/L)				
Aluminum	NA	-0.000420 JB (0.0280) [1]	0.0242 JB (0.0280) [1]	
Antimony	NA	0.0201 JB (0.0240) [1]	0.00318 JB (0.0240) [1]	
Arsenic	NA	-0.000470 J (0.0230) [1]	-0.00333 J (0.0230) [1]	
Barium	NA	0.212 (0.000530) [1]	0.360 (0.000530) [1]	
Beryllium	NA	0.000140 JB (0.000550) [1]	-0.000120 JB (0.000550) [1]	
Cadmium	NA	-0.000320 JB (0.00170) [1]	0.000440 JB (0.00170) [1]	
Calcium	NA	204 (0.150) [1]	189 (0.150) [1]	
Chromium	NA	0.00298 B (0.00250) [1]	0.00185 JB (0.00250) [1]	
Cobalt	NA	-0.00351 JB (0.00340) [1]	0.0185 (0.00340) [1]	
Copper	NA	0.00290 JB (0.00380) [1]	0.00250 JB (0.00380) [1]	
Iron	NA	-0.00335 JB (0.00600) [1]	1.85 (0.00600) [1]	
Lead	NA	-0.00933 J (0.0270) [1]	-0.00927 J (0.0270) [1]	
Magnesium	NA	29.1 (0.0230) [1]	45.0 (0.0230) [1]	
Manganese	NA	0.0767 (0.000390) [1]	10.8 (0.000390) [1]	
Molybdenum	NA	-0.00207 JB (0.00460) [1]	0.000100 JB (0.00460) [1]	

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	008	008	04	04
	02-GW-01	02-GW-03	04-MW-02	04-MW-03
	02-GW-01-03	02-GW-03-03	04-MW-02-03	04-MW-03-03
SW6010 - Metals, cont. (mg/L)				
Nickel	NA	NA	-0.00391 JB (0.00990)	[1] 0.0234 (0.00990)
Potassium	NA	NA	4.60 (0.370)	[1] 5.08 (0.370)
Selenium	NA	NA	-0.00209 J (0.0420)	[1] -0.00502 J (0.0420)
Silver	NA	NA	-0.00246 JB (0.00490)	[1] 0.000100 JB (0.00490)
Sodium	NA	NA	6.50 (0.0400)	[1] 6.70 (0.0400)
Thallium	NA	NA	-0.0330 JB (0.0170)	[1] 0.0000800 JB (0.0170)
Vanadium	NA	NA	-0.00425 JB (0.00240)	[1] -0.0000700 JB (0.00240)
Zinc	NA	NA	0.0193 (0.00150)	[1] 0.0120 (0.00150)
SW7060 - Arsenic (mg/L)				
Arsenic	NA	NA	-0.000700 JB (0.000650)	[1] 0.00200 (0.000650)
SW7421 - Lead (mg/L)				
Lead	NA	NA	-0.00320 JB (0.00110)	[1] -0.00130 JB (0.00110)
SW7470 - Mercury (mg/L)				
Mercury	NA	NA	0.00 JB (0.0000480)	[1] 0.0000300 JB (0.0000480)
SW7740 - Selenium (mg/L)				
Selenium	NA	NA	0.00184 SJ (0.00288)	[2] 0.00210 SJ (0.00288)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)	NA	005	005	005
		05-MW-01	05-MW-02	05-MW-03
		05-MW-01-03	05-MW-02-03 Dup of 05-MW-02-03	05-MW-03-03
Total dissolved solids	362	(10.0)	[1]	368 (10.0) [1] NA
E300 - Anions (mg/L)	NA	005	005	005
		05-MW-01	05-MW-02	05-MW-03
		05-MW-01-03	05-MW-02-03	05-MW-03-03
Chloride	1.40	(0.0200)	[1]	1.44 (0.0200) [1] NA
Sulfate	3.12	(0.0600)	[1]	3.13 (0.0600) [1] NA
E353.1 - Nitrate-Nitrite (mg/L) Nitrate-Nitrite as N	NA	005	005	005
		05-MW-01	05-MW-02	05-MW-03
Nitrate-Nitrite as N	ND	(0.0100)	[1]	ND (0.0100) [1] NA
SW6010 - Metals (mg/L)	0.0268	JB (0.0284)	[1]	0.0210 JB (0.0284) [1]
	-0.00790	JB (0.0241)	[1]	-0.0374 JB (0.0241) [1]
	-0.00563	J (0.0225)	[1]	-0.0221 J (0.0225) [1]
	0.548	(0.000530)	[1]	0.597 (0.000530) [1]
	0.00270	JB (0.000554)	[1]	0.000190 JB (0.000554) [1]
	0.00206	B (0.00172)	[1]	0.000520 JB (0.00172) [1]
	190	(0.148)	[1]	174 (0.148) [1]
	0.000890	JB (0.00249)	[1]	-0.000270 JB (0.00249) [1]
	0.00202	JB (0.00340)	[1]	0.00751 (0.00340) [1]
	0.000380	JB (0.00381)	[1]	-0.000300 JB (0.00381) [1]
	30.8	(0.00596)	[1]	57.2 (0.00596) [1]
	0.00117	J (0.0270)	[1]	0.0136 J (0.0270) [1]
	40.0	(0.0228)	[1]	30.3 (0.0228) [1]
	16.2	(0.000395)	[1]	11.2 (0.000395) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals, cont. (mg/L)			005	005
			05-MW-01	05-MW-02
			05-MW-01-03	05-MW-02-03
			05-MW-02-03	05-MW-02-03
			05-MW-02-03 Dup of	05-MW-03-03
			05-MW-02-03	
Molybdenum	-0.000860 JB (0.00463)	[1]	-0.00342 JB (0.00463)	[1]
Nickel	-0.000750 JB (0.00986)	[1]	0.000490 JB (0.00986)	[1]
Potassium	3.26 (0.00287)	[1]	1.77 (0.00287)	[1]
Selenium	0.00627 J (0.0417)	[1]	0.00498 J (0.0417)	[1]
Silver	0.00109 JB (0.00492)	[1]	-0.00163 JB (0.00492)	[1]
Sodium	6.20 (0.0397)	[1]	3.89 (0.0397)	[1]
Thallium	0.0136 JB (0.0172)	[1]	0.00696 JB (0.0172)	[1]
Vanadium	0.000430 JB (0.00236)	[1]	-0.000470 JB (0.00236)	[1]
Zinc	0.00727 B (0.00153)	[1]	0.00875 (0.00153)	[1]
SW7060 - Arsenic (mg/L)				
	0.0255 (0.000657)	[1]	0.0108 (0.000657)	[1]
SW7421 - Lead (mg/L)				
	0.00160 B (0.00110)	[1]	0.00120 B (0.00110)	[1]
SW7470 - Mercury (mg/L)				
	-0.0000300 JB (0.0000480)	[1]	-0.0000600 JB (0.0000480)	[1]
SW7740 - Selenium (mg/L)				
	-0.00100 JB (0.00144)	[1]	-0.00250 JB (0.00144)	[1]

SW6010 - Metals, cont. (mg/L)

Molybdenum

Nickel

Potassium

Selenium

Silver

Sodium

Thallium

Vanadium

Zinc

SW7060 - Arsenic (mg/L)

Arsenic

SW7421 - Lead (mg/L)

Lead

SW7470 - Mercury (mg/L)

Mercury

SW7740 - Selenium (mg/L)

Selenium

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)	005	005	005	005
	05-MW-03	05-MW-04	05-MW-05	05-MW-06
	05-MW-03-DS-03 Dup of	05-MW-04-03	05-MW-05-03	05-MW-06-03
	05-MW-03-03			
Total dissolved solids	NA	NA	NA	489 (10.0) [1]
E300 - Anions (mg/L)	NA	NA	NA	2.28 (0.0200) [1]
	NA	NA	NA	19.1 (0.0600) [1]
	NA	NA	NA	ND (0.0100) [1]
E353.1 - Nitrate-Nitrite (mg/L)	NA	NA	NA	
	NA	NA	NA	
SW6010 - Metals (mg/L)	0.0131 JB (0.0284) [1]	0.0253 JB (0.0284) [1]	0.0133 JB (0.0284) [1]	0.0113 JB (0.0284) [1]
	-0.0225 JB (0.0241) [1]	-0.00194 JB (0.0241) [1]	-0.0236 JB (0.0241) [1]	-0.00467 JB (0.0241) [1]
	-0.0149 J (0.0225) [1]	-0.0109 J (0.0225) [1]	-0.0236 J (0.0225) [1]	-0.00378 J (0.0225) [1]
	0.594 (0.000530) [1]	0.942 (0.000530) [1]	0.888 (0.000530) [1]	0.328 (0.000530) [1]
	0.0000500 JB (0.000554) [1]	-0.0000100 JB (0.000554) [1]	-0.0000900 JB (0.000554) [1]	0.000200 JB (0.000554) [1]
	0.000240 JB (0.00172) [1]	0.00201 B (0.00172) [1]	0.00179 B (0.00172) [1]	0.000600 JB (0.00172) [1]
	172 (0.148) [1]	194 (0.148) [1]	168 (0.148) [1]	133 (0.148) [1]
	0.000390 JB (0.00249) [1]	0.00147 JB (0.00249) [1]	-0.000150 JB (0.00249) [1]	-0.00104 JB (0.00249) [1]
	0.00739 (0.00340) [1]	0.00471 B (0.00340) [1]	0.00188 JB (0.00340) [1]	0.00258 JB (0.00340) [1]
	-0.0000300 JB (0.00381) [1]	0.000970 JB (0.00381) [1]	-0.000510 JB (0.00381) [1]	-0.000210 JB (0.00381) [1]
	55.5 (0.00596) [1]	74.2 (0.00596) [1]	84.7 (0.00596) [1]	27.4 (0.00596) [1]
	-0.00304 J (0.0270) [1]	0.0137 J (0.0270) [1]	0.0166 J (0.0270) [1]	-0.00430 J (0.0270) [1]
	30.0 (0.0228) [1]	44.2 (0.0228) [1]	33.9 (0.0228) [1]	27.3 (0.0228) [1]
	11.0 (0.000395) [1]	8.02 (0.000395) [1]	14.5 (0.000395) [1]	2.81 (0.000395) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
					05-MW-03		05-MW-04		05-MW-05	
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-03-03				05-MW-06-06	
SW6010 - Metals, cont. (mg/L)										
Molybdenum	0.00139	JB (0.00463)	[1]	0.00159	JB (0.00463)	[1]	0.00110	JB (0.00463)	[1]	-0.00136 JB (0.00463)
Nickel	0.00350	JB (0.00986)	[1]	-0.00175	JB (0.00986)	[1]	0.00225	JB (0.00986)	[1]	0.0127 (0.00986)
Potassium	5.49	(0.00287)	[1]	2.84	(0.00287)	[1]	3.24	(0.00287)	[1]	2.32 (0.00287)
Selenium	0.0194	J (0.0417)	[1]	0.0330	J (0.0417)	[1]	0.00590	J (0.0417)	[1]	0.0135 J (0.0417)
Silver	-0.000120	JB (0.00492)	[1]	0.00142	JB (0.00492)	[1]	-0.00228	JB (0.00492)	[1]	-0.00151 JB (0.00492)
Sodium	4.37	(0.0397)	[1]	5.24	(0.0397)	[1]	5.80	(0.0397)	[1]	5.33 (0.0397)
Thallium	0.00862	JB (0.0172)	[1]	0.00748	JB (0.0172)	[1]	0.0189	B (0.0172)	[1]	0.0191 B (0.0172)
Vanadium	0.00246	B (0.00236)	[1]	0.00341	B (0.00236)	[1]	0.00461	(0.00236)	[1]	-0.000600 JB (0.00236)
Zinc	0.00846	(0.00153)	[1]	0.00708	B (0.00153)	[1]	0.00826	(0.00153)	[1]	0.0187 (0.00153)
SW7060 - Arsenic (mg/L)										
Arsenic	0.0106	(0.000657)	[1]	0.0294	(0.000657)	[1]	0.0335	(0.000657)	[1]	0.0137 (0.000657)
SW7421 - Lead (mg/L)										
Lead	0.00250	B (0.00110)	[1]	0.00250	B (0.00110)	[1]	0.0135	(0.00110)	[1]	0.00160 B (0.00110)
SW7470 - Mercury (mg/L)										
Mercury	-0.000100	JB (0.0000480)	[1]	-0.0000900	JB (0.0000480)	[1]	-0.000120	JB (0.0000480)	[1]	-0.0000700 JB (0.0000480)
SW7740 - Selenium (mg/L)										
Selenium	-0.00250	JB (0.00144)	[1]	-0.00150	JB (0.00144)	[1]	-0.00270	JB (0.00144)	[1]	-0.00300 JB (0.00144)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
E160.1 - Residue, Filterable (TDS) (mg/L)	005		005		005		005		005	
	05-MW-13		05-MW-14		05-MW-14		05-MW-14		05-MW-15	
Total dissolved solids	05-MW-13-01		05-MW-14-01		05-MW-14-01		05-MW-14-01 Dup of		05-MW-15-01	
							05-MW-14-01			
E160.2 - Residue, Non-Filterable (mg/L)										
Total suspended solids	< DL		8.00		8.00		8.00		< DL	
E300 - Anions (mg/L)										
Chloride	7.76		1.93		1.99		1.99		2.45	
Sulfate	38.7		23.5		23.7		23.7		22.2	
E353.1 - Nitrate-Nitrite (mg/L)										
Nitrate-Nitrite as N	0.0456		0.124		0.157		0.157		0.160	
SW6010 - Metals (mg/L)										
Aluminum	0.000430 JB		0.0128 JB		0.0128 JB		0.0108 JB		0.0118 JB	
Antimony	-0.0276 JB		-0.00924 JB		-0.00924 JB		-0.0108 JB		-0.0125 JB	
Arsenic	-0.000780 J		-0.0140 J		-0.0140 J		-0.0117 J		-0.00479 J	
Barium	0.239		0.237		0.234		0.234		0.293	
Beryllium	-0.000750 JB		-0.000250 JB		-0.000250 JB		0.000260 JB		-0.000300 JB	
Cadmium	0.00193 B		0.00430		0.00430		0.00315 B		0.0126	
Calcium	192		176		173		173		154	
Chromium	-0.000810 JB		0.000560 JB		0.000560 JB		-0.00176 JB		0.00213 JB	
Cobalt	0.00715		0.00554		0.00554		0.00365 B		0.00345 B	
Copper	0.000580 JB		0.00991 B		0.00991 B		0.00823 B		-0.00227 JB	
Iron	0.180		-0.00346 JB		-0.00346 JB		-0.00582 JB		0.119 B	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	005	005
	05-MW-13	05-MW-14
	05-MW-13-01	05-MW-14-01
		05-MW-14-DS-01 Dup of
		05-MW-14-01
		005
		05-MW-15
		05-MW-15-01

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	

E160.1 - Residue, Filterable (TDS)	(mg/L)			
Total dissolved solids	823	(10.0)	[1]	NA

E300 - Anions (mg/L)				
Chloride	26.6	(0.100)	[5]	NA
Sulfate	8.85	(0.0600)	[1]	NA

E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	ND	(0.0100)	[1]	NA

SW6010 - Metals (mg/L)				
Aluminum	0.0116	JB (0.0280)	[1]	0.00452 JB (0.0280)
Antimony	-0.00629	JB (0.0240)	[1]	0.0221 JB (0.0240)
Arsenic	-0.00747	J (0.0230)	[1]	-0.00685 J (0.0230)
Barium	0.808	(0.000530)	[1]	0.545 (0.000530)
Beryllium	0.000140	JB (0.000550)	[1]	-0.000110 JB (0.000550)
Cadmium	0.00177	B (0.00170)	[1]	0.00651 (0.00170)
Calcium	205	(0.150)	[1]	199 (0.150)
Chromium	0.00254	B (0.00250)	[1]	0.00286 B (0.00250)
Cobalt	0.00217	JB (0.00340)	[1]	0.00214 JB (0.00340)
Copper	0.00100	JB (0.00380)	[1]	0.000640 JB (0.00380)
Iron	30.5	(0.00600)	[1]	27.5 (0.00600)
Lead	0.0324	(0.0270)	[1]	0.0553 (0.0270)
Magnesium	41.7	(0.0230)	[1]	38.6 (0.0230)
Manganese	2.80	(0.000390)	[1]	5.50 (0.000390)
Molybdenum	0.000200	JB (0.00460)	[1]	-0.00295 JB (0.00460)

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	008 06-MW-01 06-MW-01-03				008 06-MW-02 06-MW-02-03				008 06-MW-03 06-MW-03-03			
SW6010 - Metals, cont. (mg/L)												
Nickel	-0.00322 JB (0.00990)	[1]	-0.000230 JB (0.00990)	[1]	0.00367 JB (0.00990)	[1]	-0.0126 JB (0.00990)	[1]				
Potassium	5.33 (0.370)	[1]	5.27 (0.370)	[1]	3.60 (0.370)	[1]	4.48 (0.370)	[1]				
Selenium	-0.00220 J (0.0420)	[1]	0.00502 J (0.0420)	[1]	0.0280 J (0.0420)	[1]	0.00983 J (0.0420)	[1]				
Silver	-0.00235 JB (0.00490)	[1]	-0.000470 JB (0.00490)	[1]	-0.00154 JB (0.00490)	[1]	-0.00180 JB (0.00490)	[1]				
Sodium	36.8 (0.0400)	[1]	33.4 (0.0400)	[1]	15.8 (0.0400)	[1]	47.3 (0.0400)	[1]				
Thallium	-0.00262 JB (0.0170)	[1]	-0.0185 JB (0.0170)	[1]	-0.0174 JB (0.0170)	[1]	-0.0173 JB (0.0170)	[1]				
Vanadium	-0.00413 JB (0.00240)	[1]	-0.00288 JB (0.00240)	[1]	-0.00341 JB (0.00240)	[1]	-0.00300 JB (0.00240)	[1]				
Zinc	0.00604 B (0.00150)	[1]	0.00775 B (0.00150)	[1]	0.0182 (0.00150)	[1]	0.0111 (0.00150)	[1]				
SW7060 - Arsenic (mg/L)												
Arsenic	0.0101 (0.000657)	[1]	0.00800 (0.000657)	[1]	0.00210 (0.000650)	[1]	0.0284 (0.000657)	[1]				
SW7421 - Lead (mg/L)												
Lead	0.00950 (0.00110)	[1]	0.00860 (0.00110)	[1]	-0.00160 JB (0.00110)	[1]	-0.000800 JB (0.00110)	[1]				
SW7470 - Mercury (mg/L)												
Mercury	0.000140 B (0.0000480)	[1]	0.000200 (0.0000480)	[1]	-0.0000700 JB (0.0000480)	[1]	0.000220 (0.0000480)	[1]				
SW7740 - Selenium (mg/L)												
Selenium	-0.00240 JB (0.00144)	[1]	-0.00270 JB (0.00144)	[1]	-0.00380 JB (0.00144)	[1]	-0.00240 JB (0.00144)	[1]				

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID												
<hr/>																					
E160.1 - Residue, Filterable (TDS)																					
Total dissolved solids	909	(	8.67	[1]	904	(	8.67	[1]	630	(	8.67	[1]	882	(	10.0	[1]				
E160.2 - Residue, Non-Filterable																					
Total suspended solids	< DL	(	7.90	[1]	5.30	J	(	7.90	[1]	NA					NA					
E300 - Anions																					
Chloride	16.3	(	0.100	[5]	17.2	(	0.100	[5]	NA					NA						
Sulfate	59.9	(	0.300	[5]	60.0	(	0.300	[5]	NA					NA						
E353.1 - Nitrate-Nitrite																					
Nitrate-Nitrite as N	ND	(	0.0100	[1]	ND	(	0.0100	[1]	NA					NA						
SW6010 - Metals																					
Aluminum	-0.00482	JB	(	0.0284	[1]	-0.00404	JB	(	0.0284	[1]	0.0148	JB	(	0.0284	[1]	0.0204	JB	(	0.0280	[1]
Antimony	-0.0111	JB	(	0.0241	[1]	0.000330	JB	(	0.0241	[1]	0.0181	JB	(	0.0241	[1]	-0.00491	JB	(	0.0240	[1]
Arsenic	0.00232	J	(	0.0225	[1]	-0.0132	J	(	0.0225	[1]	0.00150	J	(	0.0225	[1]	0.0113	J	(	0.0230	[1]
Barium	0.355	(	0.000530	[1]	0.343	(	0.000530	[1]	0.561	(	0.000530	[1]	0.561	(	0.000530	[1]	0.908	(	0.000530	[1]
Beryllium	-0.000370	JB	(	0.000554	[1]	-0.000300	JB	(	0.000554	[1]	0.00	JB	(	0.000554	[1]	-0.0000100	JB	(	0.000550	[1]
Cadmium	0.00286	B	(	0.00172	[1]	0.00181	B	(	0.00172	[1]	0.00103	JB	(	0.00172	[1]	0.00135	JB	(	0.00170	[1]
Calcium	233	(	0.148	[1]	228	(	0.148	[1]	96.4	(	0.148	[1]	96.4	(	0.148	[1]	105	(	0.150	[1]
Chromium	-0.00197	JB	(	0.00249	[1]	0.000500	JB	(	0.00249	[1]	0.00276	B	(	0.00249	[1]	0.00361	B	(	0.00250	[1]
Cobalt	0.00766	(0.00340	[1]	0.00985	(0.00340	[1]	0.00838	(0.00340	[1]	0.00838	(0.00340	[1]	-0.000550	JB	(0.00340	[1]
Copper	0.00131	JB	(	0.00381	[1]	0.00	JB	(	0.00381	[1]	0.0152	B	(	0.00381	[1]	0.00237	JB	(	0.00380	[1]
Iron	0.352	(	0.00596	[1]	0.217	(	0.00596	[1]	8.54	(	0.00596	[1]	8.54	(	0.00596	[1]	12.6	(	0.00600	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008				008				3			
	06-MW-07		06-MW-07		06-MW-07-DS-01 Dup of		06-MW-07-01		07-MW-01		07-MW-02	
	06-MW-07-01		06-MW-07-01		06-MW-07-01		06-MW-07-01		07-MW-01-03		07-MW-02-03	

SW6010 - Metals, cont. (mg/L)												
Lead	-0.0122	J (0.0270)	[1]	-0.00530	J (0.0270)	[1]	0.00910	J (0.0270)	[1]	0.0142	J (0.0270)	[1]
Magnesium	62.6	(0.0228)	[1]	61.5	(0.0228)	[1]	65.6	(0.0228)	[1]	99.6	(0.0230)	[1]
Manganese	1.75	(0.000395)	[1]	1.95	(0.000395)	[1]	0.783	(0.000395)	[1]	0.155	(0.000390)	[1]
Molybdenum	0.00126	JB (0.00463)	[1]	-0.000760	JB (0.00463)	[1]	-0.00223	JB (0.00463)	[1]	-0.00110	JB (0.00460)	[1]
Nickel	0.0164	(0.00986)	[1]	0.0229	(0.00986)	[1]	0.00627	JB (0.00986)	[1]	-0.0106	JB (0.00990)	[1]
Potassium	5.84	(0.370)	[1]	5.94	(0.370)	[1]	4.11	(0.00287)	[1]	5.12	(0.370)	[1]
Selenium	0.00893	J (0.0417)	[1]	-0.00625	J (0.0417)	[1]	-0.0178	J (0.0417)	[1]	-0.0188	J (0.0420)	[1]
Silver	-0.00204	JB (0.00492)	[1]	0.000240	JB (0.00492)	[1]	-0.00139	JB (0.00492)	[1]	-0.000550	JB (0.00490)	[1]
Sodium	14.0	(0.0397)	[1]	13.8	(0.0397)	[1]	25.2	(0.0397)	[1]	61.0	(0.0400)	[1]
Thallium	-0.0138	JB (0.0172)	[1]	0.00105	JB (0.0172)	[1]	0.00920	JB (0.0172)	[1]	0.0112	JB (0.0170)	[1]
Vanadium	0.000880	JB (0.00236)	[1]	0.00215	JB (0.00236)	[1]	0.000570	JB (0.00236)	[1]	0.00247	B (0.00240)	[1]
Zinc	0.00739	B (0.00153)	[1]	0.00596	B (0.00153)	[1]	0.00506	B (0.00153)	[1]	0.00385	B (0.00150)	[1]

SW7060 - Arsenic (mg/L)												
Arsenic	0.0132	(0.000657)	[1]	0.000700	(0.000657)	[1]	0.0110	(0.000657)	[1]	0.00780	(0.000650)	[1]

SW7421 - Lead (mg/L)												
Lead	0.00300	B (0.000800)	[1]	0.00200	B (0.000800)	[1]	0.00140	B (0.000800)	[1]	0.0108	(0.00110)	[1]

SW7470 - Mercury (mg/L)												
Mercury	0.0000500	B (0.0000480)	[1]	-0.0000500	JB (0.0000480)	[1]	-0.000120	JB (0.0000480)	[1]	-0.0000600	JB (0.0000480)	[1]

SW7740 - Selenium (mg/L)												
Selenium	-0.00480	JB (0.00169)	[2]	-0.00515	JB (0.000843)	[1]	-0.00440	JB (0.00144)	[1]	0.00712	SF (0.00288)	[2]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	008	3
	06-MW-07	07-MW-02
	06-MW-07-01	07-MW-02-03
	06-MW-07-01 Dup of	
	06-MW-07-01	
	008	3
	06-MW-07	07-MW-01
	06-MW-07-DS-01	07-MW-01-03
	06-MW-07-01	

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																				
	LOCATION ID		SAMPLE ID		3		3		3		3										
	07-MW-02		07-MW-03		07-MW-04		07-SW-03		07-MW-04-03		07-SW-03-01										
07-MW-02-DS-03 Dup of																					
07-MW-02-03																					
E160.1 - Residue, Filterable (TDS) (mg/L)																					
Total dissolved solids	877	(	10.0)	[1]	825	(	8.67)	[1]	794	(	8.67)	[1]	NA							
SW6010 - Metals (mg/L)																					
Aluminum	0.0240	JB	(	0.0280)	[1]	0.00110	JB	(	0.0284)	[1]	0.0231	JB	(	0.0284)	[1]	0.0497	B	(	0.0284)	[1]
Antimony	0.0378	(	0.0240)	[1]	0.0311	B	(	0.0241)	[1]	0.0326	B	(	0.0241)	[1]	-0.0126	JB	(	0.0241)	[1]	
Arsenic	0.0159	J	(	0.0230)	[1]	-0.0450	J	(	0.0225)	[1]	-0.0140	J	(	0.0225)	[1]	-0.0235	J	(	0.0225)	[1]
Barium	0.911	(	0.000530)	[1]	0.124	(	0.000530)	[1]	0.169	(	0.000530)	[1]	0.179	(	0.000530)	[1]	0.179	(	0.000530)	[1]
Beryllium	-0.000390	JB	(	0.000550)	[1]	-0.000970	JB	(	0.000554)	[1]	0.000300	JB	(	0.000554)	[1]	0.000210	JB	(	0.000554)	[1]
Cadmium	0.000120	JB	(	0.00170)	[1]	0.00145	JB	(	0.00172)	[1]	0.000740	JB	(	0.00172)	[1]	0.00288	B	(	0.00172)	[1]
Calcium	105	(	0.150)	[1]	116	(	0.148)	[1]	142	(	0.148)	[1]	79.5	(	0.148)	[1]	79.5	(	0.148)	[1]
Chromium	0.00817	(	0.00250)	[1]	0.00543	(	0.00249)	[1]	0.00440	B	(	0.00249)	[1]	0.00206	JB	(	0.00249)	[1]		
Cobalt	-0.000180	JB	(	0.00340)	[1]	0.00711	(	0.00340)	[1]	0.0100	(	0.00340)	[1]	0.00126	JB	(	0.00340)	[1]		
Copper	0.00191	JB	(	0.00380)	[1]	0.00677	B	(	0.00381)	[1]	0.00337	JB	(	0.00381)	[1]	0.00745	B	(	0.00381)	[1]
Iron	12.6	(	0.00600)	[1]	2.89	(	0.00596)	[1]	0.513	(	0.00596)	[1]	2.81	(	0.00596)	[1]	2.81	(	0.00596)	[1]
Lead	0.0193	J	(	0.0270)	[1]	-0.0146	J	(	0.0270)	[1]	-0.0138	J	(	0.0270)	[1]	0.00858	J	(	0.0270)	[1]
Magnesium	99.1	(	0.0230)	[1]	110	(	0.0228)	[1]	78.5	(	0.0228)	[1]	42.2	(	0.0228)	[1]	42.2	(	0.0228)	[1]
Manganese	0.158	(	0.000390)	[1]	1.18	(	0.000395)	[1]	1.73	(	0.000395)	[1]	0.0999	(	0.000395)	[1]	0.0999	(	0.000395)	[1]
Molybdenum	0.0000400	JB	(	0.00460)	[1]	-0.00370	JB	(	0.00463)	[1]	0.000110	JB	(	0.00463)	[1]	0.00488	(	0.00463)	[1]	
Nickel	-0.00529	JB	(	0.00990)	[1]	0.00859	J	(	0.00986)	[1]	0.00	JB	(	0.00986)	[1]	0.0150	(	0.00986)	[1]	
Potassium	4.76	(0.370)	[1]	4.43	(0.00287)	[1]	4.75	(0.00287)	[1]	0.421	B	(0.00287)	0.421	B	(0.00287)	[1]
Selenium	0.0142	J	(	0.0420)	[1]	-0.0418	J	(	0.0417)	[1]	-0.00660	J	(	0.0417)	[1]	0.0102	J	(	0.0417)	[1]
Silver	-0.00226	JB	(	0.00490)	[1]	0.00133	JB	(	0.00492)	[1]	0.000110	JB	(	0.00492)	[1]	0.00373	JB	(	0.00492)	[1]
Sodium	60.9	(	0.0400)	[1]	33.9	(	0.0397)	[1]	25.1	(	0.0397)	[1]	215	(	0.0397)	[1]	215	(	0.0397)	[1]
Thallium	0.0243	B	(	0.0170)	[1]	0.0144	JB	(	0.0172)	[1]	0.00810	JB	(	0.0172)	[1]	-0.00616	JB	(	0.0172)	[1]

Compiled: 16 March 1995

() = Detection Limit . [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals, cont. (mg/L)	3	3	3	3
	07-MW-02	07-MW-03	07-MW-04	07-SW-03
	07-MW-02-DS-03 Dup of	07-MW-03-03	07-MW-04-03	07-SW-03-01
Vanadium	0.00254 B (0.00240)	[1]	0.00246 B (0.00236)	[1]
	0.00942 (0.00150)	[1]	0.00425 B (0.00153)	[1]
Zinc				
SW7060 - Arsenic (mg/L)				
	0.00840 (0.000650)	[1]	0.00610 (0.000657)	[1]
Arsenic				
SW7421 - Lead (mg/L)				
	0.0107 (0.00110)	[1]	0.00410 B (0.000800)	[1]
Lead				
SW7470 - Mercury (mg/L)				
	-0.0000800 JB (0.0000480)	[1]	0.00 JB (0.0000480)	[1]
Mercury				
SW7740 - Selenium (mg/L)				
	0.00120 SJ (0.00144)	[1]	-0.00230 JB (0.00144)	[1]
Selenium				

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	3			3			3		
	07-SW-04	07-SW-04-01	07-SW-05	07-SW-06	07-SW-07	07-SW-07-01	07-SW-06	07-SW-07-01	07-SW-07-01
SW6010 - Metals (mg/L)									
Aluminum	-0.00356 JB (0.0284)	[1]	0.0000100 JB (0.0284)	[1]	0.0000300 JB (0.0284)	[1]	-0.0204 JB (0.0284)	[1]	-0.0204 JB (0.0284)
Antimony	-0.0134 JB (0.0241)	[1]	-0.00239 JB (0.0241)	[1]	-0.0104 JB (0.0241)	[1]	-0.00954 JB (0.0241)	[1]	-0.00954 JB (0.0241)
Arsenic	-0.00767 J (0.0225)	[1]	-0.00250 J (0.0225)	[1]	0.0115 J (0.0225)	[1]	-0.0142 J (0.0225)	[1]	-0.0142 J (0.0225)
Barium	0.196 (0.000530)	[1]	0.230 (0.000530)	[1]	0.269 (0.000530)	[1]	0.292 (0.000530)	[1]	0.292 (0.000530)
Beryllium	-0.000430 JB (0.000554)	[1]	-0.000420 JB (0.000554)	[1]	-0.000270 JB (0.000554)	[1]	-0.000430 JB (0.000554)	[1]	-0.000430 JB (0.000554)
Cadmium	-0.00156 JB (0.00172)	[1]	-0.000870 JB (0.00172)	[1]	-0.000970 JB (0.00172)	[1]	0.000450 JB (0.00172)	[1]	0.000450 JB (0.00172)
Calcium	82.6 (0.148)	[1]	94.5 (0.148)	[1]	113 (0.148)	[1]	114 (0.148)	[1]	114 (0.148)
Chromium	0.00202 JB (0.00249)	[1]	-0.00184 JB (0.00249)	[1]	0.00387 B (0.00249)	[1]	0.000810 JB (0.00249)	[1]	0.000810 JB (0.00249)
Cobalt	0.00234 JB (0.00340)	[1]	-0.000580 JB (0.00340)	[1]	0.00506 B (0.00340)	[1]	0.00204 JB (0.00340)	[1]	0.00204 JB (0.00340)
Copper	0.00116 JB (0.00381)	[1]	-0.00232 JB (0.00381)	[1]	0.00129 JB (0.00381)	[1]	0.00164 JB (0.00381)	[1]	0.00164 JB (0.00381)
Iron	3.86 (0.00596)	[1]	2.61 (0.00596)	[1]	0.561 (0.00596)	[1]	0.470 (0.00596)	[1]	0.470 (0.00596)
Lead	0.0180 J (0.0270)	[1]	-0.0206 J (0.0270)	[1]	0.0349 (0.0270)	[1]	0.0284 (0.0270)	[1]	0.0284 (0.0270)
Magnesium	45.2 (0.0228)	[1]	44.1 (0.0228)	[1]	49.1 (0.0228)	[1]	47.5 (0.0228)	[1]	47.5 (0.0228)
Manganese	0.266 (0.000395)	[1]	0.560 (0.000395)	[1]	0.632 (0.000395)	[1]	0.467 (0.000395)	[1]	0.467 (0.000395)
Molybdenum	-0.00282 JB (0.00463)	[1]	-0.0000800 JB (0.00463)	[1]	0.000200 JB (0.00463)	[1]	-0.00238 JB (0.00463)	[1]	-0.00238 JB (0.00463)
Nickel	0.0124 (0.00986)	[1]	0.00467 JB (0.00986)	[1]	0.00608 JB (0.00986)	[1]	0.0167 (0.00986)	[1]	0.0167 (0.00986)
Potassium	0.470 B (0.00287)	[1]	0.402 B (0.00287)	[1]	1.49 (0.00287)	[1]	1.20 (0.00287)	[1]	1.20 (0.00287)
Selenium	0.00947 J (0.0417)	[1]	0.0161 J (0.0417)	[1]	0.0129 J (0.0417)	[1]	-0.0250 J (0.0417)	[1]	-0.0250 J (0.0417)
Silver	-0.00242 JB (0.00492)	[1]	-0.00457 JB (0.00492)	[1]	-0.00156 JB (0.00492)	[1]	-0.00519 JB (0.00492)	[1]	-0.00519 JB (0.00492)
Sodium	230 (0.0397)	[1]	188 (0.0397)	[1]	179 (0.0397)	[1]	178 (0.0397)	[1]	178 (0.0397)
Thallium	0.000720 JB (0.0172)	[1]	0.0226 B (0.0172)	[1]	0.0155 JB (0.0172)	[1]	0.0189 B (0.0172)	[1]	0.0189 B (0.0172)
Vanadium	0.0000300 JB (0.00236)	[1]	-0.00200 JB (0.00236)	[1]	0.00246 B (0.00236)	[1]	-0.00127 JB (0.00236)	[1]	-0.00127 JB (0.00236)
Zinc	0.00921 (0.00153)	[1]	0.00663 B (0.00153)	[1]	0.00517 B (0.00153)	[1]	0.00485 B (0.00153)	[1]	0.00485 B (0.00153)

SW7060 - Arsenic (mg/L)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	3	3	3	3
	07-SW-04	07-SW-05	07-SW-06	07-SW-07
	07-SW-04-01	07-SW-05-01	07-SW-06-01	07-SW-07-01
SW7060 - Arsenic, cont. (mg/L)				
Arsenic	0.00210 (0.000657) [1]	0.00250 (0.000657) [1]	0.00 J (0.000657) [1]	-0.00180 JB (0.000657) [1]
SW7421 - Lead (mg/L)				
Lead	0.00341 B (0.00105) [1]	0.00637 B (0.00105) [1]	0.00652 B (0.00105) [1]	0.00677 B (0.00105) [1]
SW7470 - Mercury (mg/L)				
Mercury	-0.000160 JB (0.0000480) [1]	-0.0000900 JB (0.0000480) [1]	-0.000140 JB (0.0000480) [1]	-0.000110 JB (0.0000480) [1]
SW7740 - Selenium (mg/L)				
Selenium	-0.00354 JB (0.000843) [1]	-0.00298 JB (0.000843) [1]	-0.00364 JB (0.000843) [1]	-0.00380 JB (0.000843) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A8-20

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)	008	008	008	008
	09-MW-01	09-MW-02	09-MW-03	09-MW-04
	09-MW-01-03	09-MW-02-03	09-MW-03-03	09-MW-04-03
Total dissolved solids	NA	615 (10.0) [1]	NA	672 (10.0) [1]
E300 - Anions (mg/L)				
Chloride	NA	27.8 (0.100) [5]	NA	33.2 (0.100) [5]
Sulfate	NA	2.03 (0.0600) [1]	NA	2.97 (0.0600) [1]
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	NA	ND (0.0100) [1]	NA	ND (0.0100) [1]
SW6010 - Metals (mg/L)				
	0.00936 JB (0.0280) [1]	0.00183 JB (0.0280) [1]	0.00232 JB (0.0280) [1]	0.00977 JB (0.0280) [1]
	0.00350 JB (0.0240) [1]	0.0220 JB (0.0240) [1]	0.0181 JB (0.0240) [1]	0.0119 JB (0.0240) [1]
	0.0255 (0.0230) [1]	0.00352 J (0.0230) [1]	0.0142 J (0.0230) [1]	0.00734 J (0.0230) [1]
	0.894 (0.000530) [1]	0.592 (0.000530) [1]	0.643 (0.000530) [1]	0.676 (0.000530) [1]
	0.00 JB (0.000550) [1]	-0.000120 JB (0.000550) [1]	-0.000230 JB (0.000550) [1]	-0.000500 JB (0.000550) [1]
	0.000390 JB (0.00170) [1]	0.00440 (0.00170) [1]	-0.000470 JB (0.00170) [1]	-0.000360 JB (0.00170) [1]
	174 (0.150) [1]	172 (0.150) [1]	118 (0.150) [1]	166 (0.150) [1]
	0.00110 JB (0.00250) [1]	0.00490 (0.00250) [1]	-0.00171 JB (0.00250) [1]	0.00394 B (0.00250) [1]
	0.000460 JB (0.00340) [1]	0.00256 JB (0.00340) [1]	0.00265 JB (0.00340) [1]	-0.000230 JB (0.00340) [1]
	0.00247 JB (0.00380) [1]	0.000520 JB (0.00380) [1]	0.0000700 JB (0.00380) [1]	0.00264 JB (0.00380) [1]
	63.9 (0.00600) [1]	26.3 (0.00600) [1]	24.3 (0.00600) [1]	34.4 (0.00600) [1]
	-0.0118 J (0.0270) [1]	0.0322 (0.0270) [1]	-0.00830 J (0.0270) [1]	0.0142 J (0.0270) [1]
	30.7 (0.0230) [1]	25.7 (0.0230) [1]	19.5 (0.0230) [1]	27.9 (0.0230) [1]
	7.46 (0.000390) [1]	5.92 (0.000390) [1]	2.70 (0.000390) [1]	3.38 (0.000390) [1]
	-0.00224 JB (0.00460) [1]	-0.00160 JB (0.00460) [1]	-0.00411 JB (0.00460) [1]	-0.000520 JB (0.00460) [1]

Compiled: 16 March 1995

() = Detection Limit

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	008			008			008			008		
	09-MW-01			09-MW-02			09-MW-03			09-MW-04		
	09-MW-01-03			09-MW-02-03			09-MW-03-03			09-MW-04-03		

SW6010 - Metals, cont. (mg/L)												
Nicke1	0.00436	JB	(0.00990)	[1]	-0.00414	JB	(0.00990)	[1]	0.000910	JB	(0.00990)	[1]
Potassium	3.86		(0.370)	[1]	3.90		(0.370)	[1]	4.24		(0.370)	[1]
Selenium	-0.000200	J	(0.0420)	[1]	-0.00920	J	(0.0420)	[1]	-0.00899	J	(0.0420)	[1]
Silver	-0.00242	JB	(0.00490)	[1]	-0.000930	JB	(0.00490)	[1]	-0.000590	JB	(0.00490)	[1]
Sodium	18.0		(0.0400)	[1]	13.5		(0.0400)	[1]	69.4		(0.0400)	[1]
Thallium	0.0149	JB	(0.0170)	[1]	-0.0227	JB	(0.0170)	[1]	-0.0159	JB	(0.0170)	[1]
Vanadium	-0.000930	JB	(0.00240)	[1]	-0.00127	JB	(0.00240)	[1]	-0.00346	JB	(0.00240)	[1]
Zinc	0.0132		(0.00150)	[1]	0.0111		(0.00150)	[1]	0.00873		(0.00150)	[1]

SW7060 - Arsenic (mg/L)												
Arsenic	0.0143		(0.000650)	[1]	0.0110		(0.000650)	[1]	0.0101		(0.000657)	[1]

SW7421 - Lead (mg/L)												
Lead	0.00460	B	(0.00110)	[1]	0.00650	B	(0.00110)	[1]	0.00340	B	(0.00110)	[1]

SW7470 - Mercury (mg/L)												
Mercury	0.000210		(0.0000480)	[1]	0.000210		(0.0000480)	[1]	0.000140	B	(0.0000480)	[1]

SW7740 - Selenium (mg/L)												
Selenium	0.00625	S	(0.00144)	[1]	0.00448	S	(0.00288)	[2]	-0.00250	JB	(0.00144)	[1]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		008	008	008
		09-MW-05	09-MW-06	10-MW-01
		09-MW-05-03	09-MW-06-03	10-MW-01-03
<hr/>				
E160.1 - Residue, Filterable (TDS) (mg/L)				
Total dissolved solids	562	(10.0)	[1]	NA
				581 (8.67) [1] 654 (10.0) [1]
E160.2 - Residue, Non-Filterable (mg/L)				
Total suspended solids	NA			NA
				17.3 (7.90) [1]
E300 - Anions (mg/L)				
Chloride	43.4	(0.200)	[10]	NA
Sulfate	13.0	(0.0600)	[1]	NA
				19.9 (0.0400) [2] 14.2 (0.0400) [2]
				7.66 (0.120) [2] 7.70 (0.0600) [1]
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	ND	(0.0100)	[1]	ND (0.0100) [1]
SW6010 - Metals (mg/L)				
Aluminum	0.0107 JB	(0.0280)	[1]	0.0109 JB (0.0284) [1] 0.0108 JB (0.0280) [1]
Antimony	0.0102 JB	(0.0240)	[1]	-0.0240 JB (0.0241) [1] -0.00589 JB (0.0240) [1]
Arsenic	0.00872 J	(0.0230)	[1]	0.0172 J (0.0225) [1] -0.0104 J (0.0230) [1]
Barium	0.462	(0.000530)	[1]	0.437 (0.000530) [1] 0.605 (0.000530) [1]
Beryllium	-0.000820 JB	(0.000550)	[1]	-0.000820 JB (0.000554) [1] 0.0000100 JB (0.000550) [1]
Cadmium	0.000820 JB	(0.00170)	[1]	0.00235 B (0.00172) [1] 0.000750 JB (0.00170) [1]
Calcium	120	(0.150)	[1]	168 (0.148) [1] 165 (0.150) [1]
Chromium	0.000850 JB	(0.00250)	[1]	0.000700 JB (0.00249) [1] 0.000900 JB (0.00250) [1]
Cobalt	0.00169 JB	(0.00340)	[1]	0.00522 (0.00340) [1] 0.00749 (0.00340) [1]
Copper	0.00105 JB	(0.00380)	[1]	-0.000360 JB (0.00381) [1] 0.000180 JB (0.00380) [1]
Iron	17.0	(0.00600)	[1]	13.8 (0.00596) [1] 19.4 (0.00600) [1]
Lead	-0.00676 J	(0.0270)	[1]	0.0202 J (0.0270) [1] 0.00951 J (0.0270) [1]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID													
	008				008				008					
	09-MW-05		09-MW-06		09-MW-15		10-MW-01		09-MW-06-03		09-MW-15-01		10-MW-01-03	

SW6010 - Metals, cont. (mg/L)														
Magnesium	20.6	(0.0230)	[1]	6.72	(0.0230)	[1]	27.3	(0.0228)	[1]	30.4	(0.0230)	[1]		
Manganese	1.85	(0.000390)	[1]	0.279	(0.000390)	[1]	2.10	(0.000395)	[1]	3.01	(0.000390)	[1]		
Molybdenum	-0.00238	JB (0.00460)	[1]	0.000810	JB (0.00460)	[1]	0.000130	JB (0.00463)	[1]	-0.000990	JB (0.00460)	[1]		
Nickel	0.00505	JB (0.00990)	[1]	0.00598	JB (0.00990)	[1]	0.0148	(0.00986)	[1]	-0.00253	JB (0.00990)	[1]		
Potassium	3.91	(0.370)	[1]	2.10	(0.370)	[1]	3.72	(0.370)	[1]	4.33	(0.370)	[1]		
Selenium	-0.00544	J (0.0420)	[1]	0.0153	J (0.0420)	[1]	0.00880	J (0.0417)	[1]	0.0266	J (0.0420)	[1]		
Silver	-0.000480	JB (0.00490)	[1]	0.000490	JB (0.00490)	[1]	-0.000400	JB (0.00492)	[1]	-0.000520	JB (0.00490)	[1]		
Sodium	52.8	(0.0400)	[1]	3.10	(0.0400)	[1]	9.03	(0.0397)	[1]	31.2	(0.0400)	[1]		
Thallium	-0.0337	JB (0.0170)	[1]	-0.0346	JB (0.0170)	[1]	0.0122	JB (0.0172)	[1]	-0.00972	JB (0.0170)	[1]		
Vanadium	-0.00309	JB (0.00240)	[1]	-0.000990	JB (0.00240)	[1]	0.00127	JB (0.00236)	[1]	-0.00325	JB (0.00240)	[1]		
Zinc	0.00932	(0.00150)	[1]	0.0132	(0.00150)	[1]	0.00427	B (0.00153)	[1]	0.0110	(0.00150)	[1]		
SW7060 - Arsenic (mg/L)														
Arsenic	0.0107	(0.000657)	[1]	-0.00180	JB (0.000657)	[1]	0.00710	(0.000657)	[1]	0.00320	(0.000650)	[1]		
SW7421 - Lead (mg/L)														
Lead	0.000700	JB (0.00110)	[1]	0.00330	B (0.00110)	[1]	0.00900	S (0.000800)	[1]	-0.00120	JB (0.00110)	[1]		
SW7470 - Mercury (mg/L)														
Mercury	0.000160	B (0.0000480)	[1]	0.000160	B (0.0000480)	[1]	0.000110	B (0.0000480)	[1]	-0.000100	JB (0.0000480)	[1]		
SW7740 - Selenium (mg/L)														
Selenium	-0.00330	JB (0.00144)	[1]	-0.00250	JB (0.00144)	[1]	-0.00421	JB (0.000843)	[1]	0.00242	SJ (0.00288)	[1]		

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	008	008	008	005		
	10-MW-02	10-MW-03	10-MW-04	12-MW-01		
	10-MW-02-03	10-MW-03-03	10-MW-04-01	12-MW-01-03		
<hr/>						
E160.1 - Residue, Filterable (TDS) (mg/L)	NA	NA	624 (8.67)	[1]	NA	
Total dissolved solids						
E160.2 - Residue, Non-Filterable (mg/L)	NA	NA	49.2 (7.90)	[1]	NA	
Total suspended solids						
E300 - Anions (mg/L)						
Chloride	NA	NA	18.4 (0.100)	[5]	NA	
Sulfate	NA	NA	2.25 (0.0600)	[1]	NA	
E353.1 - Nitrate-Nitrite (mg/L)	NA	NA	ND (0.0100)	[1]	NA	
Nitrate-Nitrite as N						
SW6010 - Metals (mg/L)						
Aluminum	0.00938 JB (0.0280)	[1]	0.0152 JB (0.0280)	[1]	0.0303 B (0.0284)	[1]
Antimony	0.0165 JB (0.0240)	[1]	-0.0104 JB (0.0240)	[1]	-0.00918 JB (0.0241)	[1]
Arsenic	0.0504 (0.0230)	[1]	-0.00344 J (0.0230)	[1]	0.0177 J (0.0225)	[1]
Barium	0.875 (0.000530)	[1]	0.590 (0.000530)	[1]	0.728 (0.000530)	[1]
Beryllium	-0.000370 JB (0.000550)	[1]	0.000250 JB (0.000550)	[1]	0.000700 JB (0.000554)	[1]
Cadmium	0.00182 B (0.00170)	[1]	0.00143 JB (0.00170)	[1]	-0.00179 JB (0.00172)	[1]
Calcium	157 (0.150)	[1]	156 (0.150)	[1]	180 (0.148)	[1]
Chromium	0.00284 B (0.00250)	[1]	0.00168 JB (0.00250)	[1]	0.000960 JB (0.00249)	[1]
Cobalt	0.00347 B (0.00340)	[1]	0.00608 (0.00340)	[1]	0.00462 B (0.00340)	[1]
Copper	0.00372 JB (0.00380)	[1]	0.00225 JB (0.00380)	[1]	-0.000880 JB (0.00381)	[1]
Iron	107 (0.00600)	[1]	42.5 (0.00600)	[1]	46.4 (0.00596)	[1]
Lead	0.0420 (0.0270)	[1]	0.0151 J (0.0270)	[1]	0.0175 J (0.0270)	[1]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
SW6010 - Metals, cont. (mg/L)	008		008		008		008		005	
	10-MW-02		10-MW-03		10-MW-04		10-MW-04-01		12-MW-01	
	10-MW-02-03		10-MW-03-03		10-MW-04-01		10-MW-04-01		12-MW-01-03	
	28.2		26.3		30.1		30.1		30.1	
	(0.0230)		(0.0230)		(0.0230)		(0.0228)		(0.0230)	
	[1]		[1]		[1]		[1]		[1]	
	Magnesium		6.83		7.96		(0.000395)		(0.000390)	
	8.00		(0.000390)		(0.000390)		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Manganese		0.00224 JB		-0.00313 JB		(0.00463)		(0.00460)	
	-0.000860 JB		(0.00460)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Molybdenum		0.00206 JB		-0.00249 JB		(0.00986)		(0.00990)	
	0.00206 JB		(0.00990)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Nickel		4.63		3.76		(0.370)		(0.370)	
	4.63		(0.370)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Potassium		0.0251 J		-0.00857 J		(0.0420)		(0.0420)	
	0.0251 J		(0.0420)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Selenium		-0.00185 JB		-0.000320 JB		(0.00490)		(0.00490)	
	-0.00185 JB		(0.00490)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Silver		24.0		19.6		(0.0400)		(0.0400)	
	24.0		(0.0400)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Sodium		-0.00524 JB		-0.0125 JB		(0.0170)		(0.0170)	
	-0.00524 JB		(0.0170)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Thallium		-0.000780 JB		-0.000180 JB		(0.00240)		(0.00240)	
	-0.000780 JB		(0.00240)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Vanadium		0.00711 B		0.00604 B		(0.00150)		(0.00150)	
	0.00711 B		(0.00150)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
	Zinc		0.0422		0.0147		(0.000650)		(0.000650)	
	0.0422		(0.000650)		[1]		[1]		[1]	
	[1]		[1]		[1]		[1]		[1]	
SW7060 - Arsenic (mg/L)	0.00140 B		0.00 JB		0.00410 SB		-0.000500 JB		-0.000500 JB	
	(0.00110)		(0.00110)		(0.00110)		(0.00110)		(0.000650)	
	[1]		[1]		[1]		[1]		[1]	
SW7421 - Lead (mg/L)	0.00140 B		0.00 JB		0.00410 SB		-0.000500 JB		-0.000500 JB	
	(0.00110)		(0.00110)		(0.00110)		(0.00110)		(0.00110)	
	[1]		[1]		[1]		[1]		[1]	
SW7470 - Mercury (mg/L)	-0.0000700 JB		0.0000400 JB		-0.0000500 JB		0.00 JB		0.0000480	
	(0.0000480)		(0.0000480)		(0.0000480)		(0.0000480)		(0.0000480)	
	[1]		[1]		[1]		[1]		[1]	
SW7740 - Selenium (mg/L)	0.00456 S		0.00646 SF		0.00348		(0.000843)		0.00538 S	
	(0.00288)		(0.00288)		(0.00288)		(0.000843)		(0.00288)	
	[2]		[2]		[2]		[2]		[2]	

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TABLE A8

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PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW6010 - Metals (mg/L)				
Aluminum	0.00271 JB (0.0280)	[1]	0.00978 JB (0.0280)	[1]
Antimony	0.00933 JB (0.0240)	[1]	-0.0238 JB (0.0240)	[1]
Arsenic	-0.0224 J (0.0230)	[1]	0.0110 J (0.0230)	[1]
Barium	0.259 (0.000530)	[1]	0.255 (0.000530)	[1]
Beryllium	-0.000100 JB (0.000550)	[1]	-0.000240 JB (0.000550)	[1]
Cadmium	-0.000620 JB (0.00170)	[1]	0.000150 JB (0.00170)	[1]
Calcium	146 (0.150)	[1]	146 (0.150)	[1]
Chromium	0.00314 B (0.00250)	[1]	0.00203 JB (0.00250)	[1]
Cobalt	-0.000530 JB (0.00340)	[1]	-0.000530 JB (0.00340)	[1]
Copper	0.000620 JB (0.00380)	[1]	0.00269 JB (0.00380)	[1]
Iron	0.0908 B (0.00600)	[1]	0.0377 B (0.00600)	[1]
Lead	0.000530 J (0.0270)	[1]	0.00761 J (0.0270)	[1]
Magnesium	26.8 (0.0230)	[1]	26.9 (0.0230)	[1]
Manganese	0.0749 (0.000390)	[1]	0.0555 (0.000390)	[1]
Molybdenum	-0.00242 JB (0.00460)	[1]	-0.000930 JB (0.00460)	[1]
Nickel	-0.00736 JB (0.00990)	[1]	-0.000230 JB (0.00990)	[1]
Potassium	2.19 (0.370)	[1]	2.50 (0.370)	[1]
Selenium	0.0199 J (0.0420)	[1]	0.0241 J (0.0420)	[1]
Silver	-0.00244 JB (0.00490)	[1]	-0.00268 JB (0.00490)	[1]
Sodium	4.52 (0.0400)	[1]	4.53 (0.0400)	[1]
Thallium	-0.0661 JB (0.0170)	[1]	-0.0133 JB (0.0170)	[1]
Vanadium	-0.00389 JB (0.00240)	[1]	-0.00123 JB (0.00240)	[1]
Zinc	0.00222 B (0.00150)	[1]	0.00110 JB (0.00150)	[1]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
SW7060 - Arsenic (mg/L)	005	005
	12-MW-02	12-MW-02
Arsenic	12-MW-02-03	12-MW-02-DS-03 Dup of
		12-MW-02-03

SW7421 - Lead (mg/L)	-0.00130 JB (0.000650)	[1] -0.00110 JB (0.000650) [1]
Lead	0.0511 (0.00110)	[1] 0.00850 (0.00110) [1]
SW7470 - Mercury (mg/L)	0.0000200 JB (0.0000480)	[1] 0.0000300 JB (0.0000480) [1]
Mercury		
SW7740 - Selenium (mg/L)	0.00570 SF (0.00288)	[2] 0.00426 SF (0.00288) [2]
Selenium		

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	001	001	001	001	001	001	001	001	001	001
	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03-01 Dup of	01-SB-03-02	01-SB-03-01	01-SB-03-02	01-SB-03-03	01-SB-03-03
	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01
	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	5 - 7
Diesel Range Organics (mg/kg)	0.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]
Diesel Range Organics										
Gasoline Range Organics (mg/kg)	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]
Gasoline Range Organics										
Percent Solid (percent)	9.66 (0.00)	[1]	14.3 (0.00)	[1]	0.00 (0.00)	[1]	13.9 (0.00)	[1]	13.5 (0.00)	[1]
Percent moisture										
SW8240 - Volatile Organics (ug/kg)	1.50 J (7.00)	[1]	8.20 (7.00)	[1]	0.600 J (6.00)	[1]	4.10 J (6.00)	[1]	4.10 J (6.00)	[1]
1,1,1-Trichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,1,2,2-Tetrachloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,1,2-Trichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,1-Dichloroethane	ND (7.00)	[1]	1.90 J (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	1.50 J (6.00)	[1]
1,1-Dichloroethene	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,2-Dichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,2-Dichloropropane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
2-Butanone(MEK)	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]
2-Chloroethyl vinyl ether	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
2-Hexanone	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]
Acetone	ND (100)	[1]	ND (100)	[1]	ND (100)	[1]	ND (100)	[1]	3.70 J (30.0)	[1]
Benzene	ND (7.00)	[1]	0.900 J (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	5.50 JB (100)	[1]
Bromodichloromethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	0.900 J (6.00)	[1]
Bromomethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]

Compiled: 17 March 1995

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NA = Not Applicable

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TABLE A9

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PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW8240 - Volatile Organics, cont. (ug/kg)	001	001	001	001	001	001
	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03
	01-SB-03-01	01-SB-03-DS-01 Dup of 01-SB-03-01	01-SB-03-01	01-SB-03-02	01-SB-03-03	01-SB-03-03
	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	5 - 7
	ND	(10.0)	[1]	ND	(10.0)	[1]
	Carbon disulfide	ND	(7.00)	[1]	ND	(6.00)
	Carbon tetrachloride	ND	(7.00)	[1]	ND	(6.00)
	Chlorobenzene	ND	(7.00)	[1]	ND	(6.00)
	Chloroethane	ND	(7.00)	[1]	ND	(6.00)
	Chloroform	ND	(7.00)	[1]	ND	(6.00)
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)	ND	(7.00)	[1]	ND	(6.00)	[1]
	Chloromethane	ND	(7.00)	[1]	ND	(6.00)
	Dibromochloromethane	ND	(7.00)	[1]	ND	(6.00)
	Ethylbenzene	ND	(7.00)	[1]	ND	(6.00)
	Methylene chloride	ND	(7.00)	[1]	ND	(6.00)
	Styrene	ND	(7.00)	[1]	ND	(6.00)
	Tetrachloroethene	ND	(7.00)	[1]	ND	(6.00)
	Toluene	ND	(7.00)	[1]	ND	(6.00)
	Tribromomethane(Bromoform)	ND	(7.00)	[1]	ND	(6.00)
	Trichloroethene	ND	(7.00)	[1]	ND	(6.00)
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)	ND	(7.00)	[1]	ND	(6.00)	[1]
	Vinyl acetate	ND	(70.0)	[1]	ND	(60.0)
	Vinyl chloride	ND	(7.00)	[1]	ND	(6.00)
	cis-1,2-Dichloroethene	ND	(7.00)	[1]	ND	(6.00)
	cis-1,3-Dichloropropene	ND	(7.00)	[1]	ND	(6.00)
	m & p-Xylene	ND	(30.0)	[1]	ND	(20.0)
	o-Xylene	ND	(10.0)	[1]	ND	(10.0)
	trans-1,2-Dichloroethene	ND	(7.00)	[1]	ND	(6.00)
	trans-1,3-Dichloropropene	ND	(7.00)	[1]	ND	(6.00)
		ND	(7.00)	[1]	ND	(6.00)

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PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	001	001	001	001	001	001	001	001	001	001
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)										
Acenaphthene	ND (85.1)	ND (90.2)	ND (90.2)	ND (90.7)	ND (90.7)	ND (90.2)	ND (90.7)	ND (90.7)	ND (90.2)	ND (90.2)
Acenaphthylene	118 J (164)	ND (173)	ND (173)	ND (174)	ND (174)	ND (173)	ND (174)	ND (174)	ND (173)	ND (173)
Anthracene	ND (50.2)	ND (53.2)	ND (53.2)	ND (53.5)	ND (53.5)	ND (53.2)	ND (53.5)	ND (53.5)	ND (53.2)	ND (53.2)
Benzo(a)anthracene	ND (1.50)	0.257 J (1.60)	0.257 J (1.60)	0.563 J (1.60)	0.563 J (1.60)	0.257 J (1.60)	0.563 J (1.60)	0.563 J (1.60)	0.470 J (1.60)	0.470 J (1.60)
Benzo(a)pyrene	0.674 JB (4.58)	1.01 JB (4.86)	1.01 JB (4.86)	0.191 JB (4.88)	0.191 JB (4.88)	1.01 JB (4.86)	0.191 JB (4.88)	0.191 JB (4.88)	3.46 JB (4.86)	3.46 JB (4.86)
Benzo(b)fluoranthene	0.739 J (7.20)	2.22 J (7.63)	2.22 J (7.63)	4.54 J (7.67)	4.54 J (7.67)	2.22 J (7.63)	4.54 J (7.67)	4.54 J (7.67)	4.70 J (7.63)	4.70 J (7.63)
Benzo(g,h,i)perylene	1.15 J (13.1)	3.57 J (13.9)	3.57 J (13.9)	9.31 J (14.0)	9.31 J (14.0)	3.57 J (13.9)	9.31 J (14.0)	9.31 J (14.0)	9.10 J (13.9)	9.10 J (13.9)
Benzo(k)fluoranthene	0.575 JB (1.44)	0.937 JB (1.53)	0.937 JB (1.53)	0.751 JB (1.53)	0.751 JB (1.53)	0.937 JB (1.53)	0.751 JB (1.53)	0.751 JB (1.53)	0.858 JB (1.53)	0.858 JB (1.53)
Chrysene	ND (26.2)	ND (27.7)	ND (27.7)	ND (27.9)	ND (27.9)	ND (27.7)	ND (27.9)	ND (27.9)	ND (27.7)	ND (27.7)
Dibenz(a,h)anthracene	ND (3.49)	0.635 JB (3.70)	0.635 JB (3.70)	0.649 JB (3.72)	0.649 JB (3.72)	0.635 JB (3.70)	0.649 JB (3.72)	0.649 JB (3.72)	2.42 JB (3.70)	2.42 JB (3.70)
Fluoranthene	ND (45.8)	ND (48.6)	ND (48.6)	ND (48.8)	ND (48.8)	ND (48.6)	ND (48.8)	ND (48.8)	ND (48.6)	ND (48.6)
Fluorene	ND (12.4)	ND (13.2)	ND (13.2)	ND (13.3)	ND (13.3)	ND (13.2)	ND (13.3)	ND (13.3)	ND (13.2)	ND (13.2)
Indeno(1,2,3-cd)pyrene	16.1 B (4.80)	24.9 B (5.09)	24.9 B (5.09)	26.5 B (5.12)	26.5 B (5.12)	24.9 B (5.09)	26.5 B (5.12)	26.5 B (5.12)	28.3 B (5.09)	28.3 B (5.09)
Naphthalene	ND (393)	ND (416)	ND (416)	ND (419)	ND (419)	ND (416)	ND (419)	ND (419)	ND (416)	ND (416)
Phenanthrene	132 B (91.6)	313 B (97.1)	313 B (97.1)	211 B (97.7)	211 B (97.7)	313 B (97.1)	211 B (97.7)	211 B (97.7)	211 B (97.1)	211 B (97.1)
Pyrene	ND (54.5)	ND (57.8)	ND (57.8)	ND (58.1)	ND (58.1)	ND (57.8)	ND (58.1)	ND (58.1)	ND (57.8)	ND (57.8)

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TABLE A9

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PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	001	001	001	001	001	001	001	001	001	001
	01-SB-03	01-SB-04	01-SB-04	01-SB-04	01-SB-04-01	01-SB-04-02	01-SB-04-03	01-SB-04-03	01-SB-04-03	01-SB-04-03
	7.5 - 9.5	0 - 2	2.5 - 4.5	2.5 - 4.5	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7
Diesel Range Organics (mg/kg)										
Diesel Range Organics	0.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]	1.00 JB (20.0) [1]
Gasoline Range Organics (mg/kg)										
Gasoline Range Organics	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]	0.00 JB (10.0) [1]
Percent Solid (percent)	24.2 (0.00) [1]	14.3 (0.00) [1]	20.9 (0.00) [1]	20.9 (0.00) [1]	17.0 (0.00) [1]	17.0 (0.00) [1]	17.0 (0.00) [1]	17.0 (0.00) [1]	17.0 (0.00) [1]	17.0 (0.00) [1]
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND (6.00) [1]	1.10 J (5.00) [1]	4.70 J (7.00) [1]	4.70 J (7.00) [1]	2.40 J (6.00) [1]	2.40 J (6.00) [1]	2.40 J (6.00) [1]	2.40 J (6.00) [1]	2.40 J (6.00) [1]	2.40 J (6.00) [1]
1,1,2,2-Tetrachloroethane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
1,1,2-Trichloroethane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
1,1-Dichloroethane	ND (6.00) [1]	ND (5.00) [1]	1.60 J (7.00) [1]	1.60 J (7.00) [1]	0.900 J (6.00) [1]	0.900 J (6.00) [1]	0.900 J (6.00) [1]	0.900 J (6.00) [1]	0.900 J (6.00) [1]	0.900 J (6.00) [1]
1,1-Dichloroethane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
1,2-Dichloroethane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
1,2-Dichloropropane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
2-Butanone(MEK)	ND (40.0) [1]	ND (30.0) [1]	81.0 B (40.0) [1]	81.0 B (40.0) [1]	9.70 JB (30.0) [1]	9.70 JB (30.0) [1]	9.70 JB (30.0) [1]	9.70 JB (30.0) [1]	9.70 JB (30.0) [1]	9.70 JB (30.0) [1]
2-Chloroethyl vinyl ether	ND (40.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
4-Methyl-2-pentanone(MIBK)	ND (40.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]	ND (30.0) [1]
Acetone	4.70 JB (100) [1]	3.50 JB (100) [1]	230 (100) [1]	230 (100) [1]	39.0 JB (100) [1]	39.0 JB (100) [1]	39.0 JB (100) [1]	39.0 JB (100) [1]	39.0 JB (100) [1]	39.0 JB (100) [1]
Benzene	ND (6.00) [1]	0.400 JB (5.00) [1]	1.00 J (7.00) [1]	1.00 J (7.00) [1]	0.800 J (6.00) [1]	0.800 J (6.00) [1]	0.800 J (6.00) [1]	0.800 J (6.00) [1]	0.800 J (6.00) [1]	0.800 J (6.00) [1]
Bromodichloromethane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Bromomethane	ND (6.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (5.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Carbon disulfide	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]

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PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	001	001	001	001	001	001
	01-SB-03	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04
	01-SB-03-04	01-SB-04-01	01-SB-04-02	01-SB-04-03	01-SB-04-03	01-SB-04-03
	7.5 - 9.5	0 - 2	2.5 - 4.5	5 - 7	5 - 7	5 - 7
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon tetrachloride	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chlorobenzene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chloroethane	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chloroform	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chloromethane	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Dibromochloromethane	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Ethylbenzene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Methylene chloride	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Styrene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Tetrachloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Toluene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Tribromomethane(Bromoform)	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Trichloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Vinyl acetate	ND (60.0) [1]	ND (50.0) [1]	ND (70.0) [1]	ND (60.0) [1]	ND (60.0) [1]	ND (60.0) [1]
Vinyl chloride	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Xylene (total)	NA	ND (20.0) [1]	ND (30.0) [1]	ND (20.0) [1]	ND (20.0) [1]	ND (20.0) [1]
cis-1,2-Dichloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
cis-1,3-Dichloropropene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
m & p-Xylene	ND (20.0) [1]	ND (20.0) [1]	ND (30.0) [1]	ND (20.0) [1]	ND (20.0) [1]	ND (20.0) [1]
o-Xylene	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]
trans-1,2-Dichloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
trans-1,3-Dichloropropene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	173 (101) [2]	ND (88.2) [2]	130 (98.7) [2]	119 (94.0) [2]	119 (94.0) [2]	119 (94.0) [2]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
-----	001		001		001		001		001	
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)	01-SB-03		01-SB-04		01-SB-04		01-SB-04		01-SB-04	
Acenaphthylene	ND (195)		ND (170)		ND (190)		ND (181)		ND (181)	
Anthracene	0.969 J (59.8)		ND (52.0)		ND (58.2)		ND (55.4)		ND (55.4)	
Benzo(a)anthracene	0.413 J (1.79)		1.43 J (1.56)		0.0120 J (1.75)		ND (1.66)		ND (1.66)	
Benzo(a)pyrene	1.65 JB (5.46)		2.73 JB (4.75)		1.81 JB (5.32)		1.74 JB (5.06)		1.74 JB (5.06)	
Benzo(b)fluoranthene	6.45 J (8.58)		3.62 J (7.47)		3.22 J (8.35)		2.07 J (7.95)		2.07 J (7.95)	
Benzo(g,h,i)perylene	1.91 J (15.6)		0.313 JB (13.6)		0.805 J (15.2)		6.71 J (14.5)		6.71 J (14.5)	
Benzo(k)fluoranthene	0.626 JB (1.72)		0.966 JB (1.49)		1.17 JB (1.67)		1.00 JB (1.59)		1.00 JB (1.59)	
Chrysene	ND (31.2)		3.98 J (27.1)		ND (30.4)		ND (28.9)		ND (28.9)	
Dibenz(a,h)anthracene	1.66 JB (4.16)		3.03 JB (3.62)		5.28 B (4.05)		1.12 JB (3.86)		1.12 JB (3.86)	
Fluoranthene	ND (54.6)		ND (47.5)		ND (53.2)		ND (50.6)		ND (50.6)	
Fluorene	ND (14.8)		ND (12.9)		ND (14.4)		ND (13.7)		ND (13.7)	
Indeno(1,2,3-cd)pyrene	25.9 B (5.72)		14.8 B (4.98)		15.6 B (5.57)		38.3 B (5.30)		38.3 B (5.30)	
Naphthalene	ND (468)		ND (407)		ND (456)		ND (434)		ND (434)	
Phenanthrene	293 B (109)		306 B (95.0)		265 B (106)		173 B (101)		173 B (101)	
Pyrene	ND (65.0)		ND (56.6)		ND (63.3)		ND (60.2)		ND (60.2)	

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
Diesel Range Organics (mg/kg)										
Diesel Range Organics										
Gasoline Range Organics (mg/kg)										
Gasoline Range Organics										
Percent Solid (percent)										
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane										
1,1,2,2-Tetrachloroethane										
1,1,2-Trichloroethane										
1,1-Dichloroethane										
1,1-Dichloroethane										
1,2-Dichloroethane										
1,2-Dichloropropane										
2-Butanone(MEK)										
2-Chloroethyl vinyl ether										
2-Hexanone										
4-Methyl-2-pentanone(MIBK)										
Acetone										
Benzene										
Bromodichloromethane										
Bromomethane										
Carbon disulfide										

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	001		005		005		005	
	01-SB-04	05-SB-04	05-SB-04-01	05-SB-04-02	05-SB-04-03	05-SB-04-03	05-SB-04-03	05-SB-04-03
	7.5 - 9.5	0 - 2	2.5 - 4.5	5 - 7				
SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon tetrachloride	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Chlorobenzene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Chloroethane	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Chloroform	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Chloromethane	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Dibromochloromethane	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Ethylbenzene	ND	(6.00)	[1]	0.700 J	(5.00)	[1]	ND	(1000)
Methylene chloride	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Styrene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Tetrachloroethene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Toluene	ND	(6.00)	[1]	ND	(5.00)	[1]	0.600 J	(1000)
Tribromomethane(Bromoform)	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Trichloroethene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Vinyl acetate	ND	(60.0)	[1]	ND	(50.0)	[1]	ND	(11000)
Vinyl chloride	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
Xylene (total)	ND	(20.0)	[1]	NA	(5.00)	[1]	NA	(1000)
cis-1,2-Dichloroethene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
cis-1,3-Dichloropropene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
m & p-Xylene	ND	(20.0)	[1]	1.60 J	(20.0)	[1]	ND	(3000)
o-Xylene	ND	(10.0)	[1]	0.900 J	(10.0)	[1]	ND	(2000)
trans-1,2-Dichloroethene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
trans-1,3-Dichloropropene	ND	(6.00)	[1]	ND	(5.00)	[1]	ND	(1000)
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	NA			ND	(0.0202)	[1]	ND	(0.0656)

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID									
LOCATION ID									
SAMPLE ID									
BEG. DEPTH - END DEPTH (FT.)									
PARAMETER	001	005	005	005	005	005	005	005	005
	01-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	7.5 - 9.5	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	5 - 7
SW8270 - Semivolatile Organics, cont. (mg/kg)									
1,2-Dichlorobenzene	NA	ND	(0.0266)	[1]	ND	(0.0269)	[1]	ND	(0.0865)
1,3-Dichlorobenzene	NA	ND	(0.0135)	[1]	ND	(0.0137)	[1]	ND	(0.0440)
1,4-Dichlorobenzene	NA	ND	(0.0276)	[1]	ND	(0.0279)	[1]	ND	(0.0897)
2,4,5-Trichloropheno1	NA	ND	(0.0113)	[1]	ND	(0.0114)	[1]	ND	(0.0366)
2,4,6-Trichloropheno1	NA	ND	(0.0119)	[1]	ND	(0.0120)	[1]	ND	(0.0388)
2,4-Dichloropheno1	NA	ND	(0.0151)	[1]	ND	(0.0153)	[1]	ND	(0.0492)
2,4-Dimethylpheno1	NA	ND	(0.0376)	[1]	ND	(0.0380)	[1]	ND	(0.122)
2,4-Dinitrophenol	NA	ND	(0.239)	[1]	ND	(0.242)	[1]	ND	(0.777)
2,4-Dinitrotoluene	NA	ND	(0.0188)	[1]	ND	(0.0190)	[1]	ND	(0.0611)
2,6-Dinitrotoluene	NA	ND	(0.0118)	[1]	ND	(0.0119)	[1]	ND	(0.0384)
2-Chloronaphthalene	NA	ND	(0.0111)	[1]	ND	(0.0112)	[1]	ND	(0.0360)
2-Chloropheno1	NA	ND	(0.0261)	[1]	ND	(0.0264)	[1]	ND	(0.0848)
2-Methylnaphthalene	NA	ND	(0.0225)	[1]	0.0142	(0.0228)	[1]	13.3	(0.0733)
2-Methylpheno1 (o-cresol)	NA	ND	(0.0182)	[1]	ND	(0.0184)	[1]	ND	(0.0593)
2-Nitroaniline	NA	ND	(0.0137)	[1]	ND	(0.0139)	[1]	ND	(0.0446)
2-Nitrophenol	NA	ND	(0.0150)	[1]	ND	(0.0152)	[1]	ND	(0.0489)
3,3'-Dichlorobenzidine	NA	ND	(0.0167)	[1]	ND	(0.0169)	[1]	ND	(0.0544)
3-Nitroaniline	NA	ND	(0.0174)	[1]	ND	(0.0176)	[1]	ND	(0.0565)
4,6-Dinitro-2-methylpheno1	NA	ND	(0.0270)	[1]	ND	(0.0273)	[1]	ND	(0.0880)
4-Bromophenyl phenyl ether	NA	ND	(0.0156)	[1]	ND	(0.0157)	[1]	ND	(0.0506)
4-Chloro-3-methylpheno1	NA	ND	(0.0247)	[1]	0.0418	(0.0250)	[1]	ND	(0.0803)
4-Chloroaniline	NA	ND	(0.0191)	[1]	ND	(0.0193)	[1]	ND	(0.0621)
4-Chlorophenyl phenyl ether	NA	ND	(0.0180)	[1]	ND	(0.0182)	[1]	ND	(0.0586)
4-Methylpheno1(p-cresol)	NA	ND	(0.0196)	[1]	ND	(0.0198)	[1]	ND	(0.0639)
4-Nitroaniline	NA	ND	(0.0165)	[1]	ND	(0.0167)	[1]	ND	(0.0538)

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (mg/kg)	001	005	005	005	005	005	005	005
	01-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	01-SB-04-04	05-SB-04-01	05-SB-04-01	05-SB-04-01	05-SB-04-02	05-SB-04-02	05-SB-04-03	05-SB-04-03
	7.5 - 9.5	0 - 2	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5	5 - 7	5 - 7
	4-Nitrophenol	NA	ND	(0.0236)	[1]	ND	(0.0238)	[1]
	Acenaphthene	NA	ND	(0.0163)	[1]	ND	(0.0165)	[1]
	Acenaphthylene	NA	ND	(0.00772)	[1]	ND	(0.00780)	[1]
	Anthracene	NA	ND	(0.0198)	[1]	0.0290	(0.0201)	[1]
	Benzo(a)anthracene	NA	0.0297	(0.0176)	[1]	0.0362	(0.0178)	[1]
	Benzo(a)pyrene	NA	0.0362	(0.0131)	[1]	0.0380	(0.0132)	[1]
	Benzo(b)fluoranthene	NA	0.0601 F	(0.0194)	[1]	0.0362 F	(0.0196)	[1]
	Benzo(g,h,i)perylene	NA	0.0275	(0.0166)	[1]	0.0352	(0.0168)	[1]
	Benzo(k)fluoranthene	NA	0.0601 F	(0.0331)	[1]	0.0362 F	(0.0334)	[1]
	Benzoic acid	NA	ND	(0.135)	[1]	0.179	(0.137)	[1]
	Benzyl alcohol	NA	ND	(0.0369)	[1]	ND	(0.0373)	[1]
	Butylbenzylphthalate	NA	ND	(0.0134)	[1]	0.0119 J	(0.0136)	[1]
	Chrysene	NA	0.0362	(0.0228)	[1]	0.0459	(0.0231)	[1]
Di-n-butylphthalate Di-n-octylphthalate Dibenz(a,h)anthracene Dibenzofuran Diethylphthalate Dimethylphthalate Diphenylamine/N-NitrosobPA Fluoranthene Fluorene Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene	NA	ND	0.00519 J	(0.0311)	[1]	0.00804 J	(0.0170)	[1]
	NA	0.0270	(0.0162)	[1]	ND	(0.0314)	[1]	0.0167 J
	NA	ND	(0.0139)	[1]	0.0217	(0.0164)	[1]	ND
	NA	ND	(0.0115)	[1]	ND	(0.0141)	[1]	0.0980
	NA	ND	(0.00956)	[1]	ND	(0.0116)	[1]	ND
	NA	ND	(0.0193)	[1]	ND	(0.00966)	[1]	ND
	NA	0.0427	(0.0218)	[1]	0.0683	(0.0195)	[1]	ND
	NA	ND	(0.0115)	[1]	ND	(0.0220)	[1]	0.165
	NA	ND	(0.00799)	[1]	ND	(0.0116)	[1]	ND
	NA	ND	(0.0238)	[1]	ND	(0.00808)	[1]	ND
	NA	ND	(0.305)	[1]	ND	(0.0241)	[1]	ND
		ND	(0.305)	[1]	ND	(0.308)	[1]	ND

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	001	005	005	005	005	005
	01-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	01-SB-04-04	05-SB-04-01	05-SB-04-02	05-SB-04-03	05-SB-04-03	05-SB-04-03
	7.5 - 9.5	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	5 - 7

SW8270 - Semivolatile Organics, cont. (mg/kg)						
Hexachloroethane	NA	ND	(0.0203)	[1]	ND	(0.0660)
Indeno(1,2,3-cd)pyrene	NA	0.0251	(0.0179)	[1]	0.0285	(0.0583)
Isophorone	NA	ND	(0.00980)	[1]	ND	(0.0319)
N-Nitroso-di-n-propylamine	NA	ND	(0.0256)	[1]	ND	(0.0834)
Naphthalene	NA	ND	(0.0249)	[1]	0.0119 J	(0.0810)
Nitrobenzene	NA	ND	(0.0180)	[1]	ND	(0.0586)
Pentachloropheno]	NA	ND	(0.0295)	[1]	ND	(0.0960)
Phenanthrene	NA	0.0184 J	(0.0212)	[1]	0.0480	(0.0691)
Pheno]	NA	ND	(0.0136)	[1]	ND	(0.0443)
Pyrene	NA	0.0451	(0.0160)	[1]	0.0663	(0.0520)
bis(2-Chloroethoxy)methane	NA	ND	(0.0192)	[1]	ND	(0.0624)
bis(2-Chloroethyl)ether	NA	ND	(0.0250)	[1]	ND	(0.0813)
bis(2-Chloroisopropyl)ether	NA	ND	(0.0248)	[1]	ND	(0.0806)
bis(2-Ethylhexyl)phthalate	NA	ND	(0.0625)	[1]	0.0711	(0.203)

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	144	(89.6)	[2]	NA	NA	NA
Acenaphthylene	ND	(172)	[2]	NA	NA	NA
Anthracene	ND	(52.8)	[2]	NA	NA	NA
Benzo(a)anthracene	ND	(1.58)	[2]	NA	NA	NA
Benzo(a)pyrene	3.04 JB	(4.82)	[2]	NA	NA	NA
Benzo(b)fluoranthene	3.96 J	(7.58)	[2]	NA	NA	NA
Benzo(g,h,i)perylene	7.16 J	(13.8)	[2]	NA	NA	NA
Benzo(k)fluoranthene	1.03 JB	(1.52)	[2]	NA	NA	NA
Chrysene	ND	(27.6)	[2]	NA	NA	NA

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)					
	LOCATION ID			SAMPLE ID					
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)	001	005	005	005	005	005	005	005	005
Dibenz(a,h)anthracene	01-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04
Fluoranthene	01-SB-04-04	05-SB-04-01	05-SB-04-01	05-SB-04-01	05-SB-04-01	05-SB-04-01	05-SB-04-01	05-SB-04-01	05-SB-04-01
Fluorene	7.5 - 9.5	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2
Indeno(1,2,3-cd)pyrene	4.79 B (3.67)	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND (48.2)	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND (13.1)	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	13.6 B (5.05)	ND	ND	ND	ND	ND	ND	ND	ND
	ND (413)	ND	ND	ND	ND	ND	ND	ND	ND
	247 B (96.4)	ND	ND	ND	ND	ND	ND	ND	ND
	ND (57.4)	ND	ND	ND	ND	ND	ND	ND	ND

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
Diesel Range Organics (mg/kg)	2600	(20.0)	[1]	1.00 JB (20.0)	[1]	70.0 B (20.0)	[1]	50.0 B (20.0)	[1]	[1]
Diesel Range Organics	5800	(10.0)	[250]	10.0 J (10.0)	[1]	13.0 (10.0)	[1]	20.0 (10.0)	[1]	[1]
Gasoline Range Organics (mg/kg)	19.1	(0.00)	[1]	2.96 (0.00)	[1]	25.5 (0.00)	[1]	26.8 (0.00)	[1]	[1]
Gasoline Range Organics										
Percent Solid (percent)										
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
1,1,2,2-Tetrachloroethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
1,1,2-Trichloroethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
1,1-Dichloroethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
1,1-Dichloroethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
1,2-Dichloroethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
1,2-Dichloropropane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
2-Butanone(MEK)	ND	(39000)	[50]	ND (30.0)	[1]	490 JB (700)	[1]	19.0 JB (40.0)	[1]	[1]
2-Chloroethyl vinyl ether	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	ND (6.00)	[1]	[1]
2-Hexanone	ND	(39000)	[50]	ND (30.0)	[1]	ND (700)	[1]	ND (40.0)	[1]	[1]
4-Methyl-2-pentanone(MIBK)	ND	(39000)	[50]	ND (30.0)	[1]	ND (700)	[1]	ND (40.0)	[1]	[1]
Acetone	ND	(130000)	[50]	ND (100)	[1]	550 J (3000)	[1]	150 (100)	[1]	[1]
Benzene	340000	(6000)	[50]	7.10 (5.00)	[1]	160 (100)	[1]	51.0 JB (100)	[1]	[1]
Bromodichloromethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	42.0 (6.00)	[1]	[1]
Bromomethane	ND	(6000)	[50]	ND (5.00)	[1]	ND (100)	[1]	3.20 J (6.00)	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
	BEG. DEPTH - END DEPTH (FT.)		005		005		005		005		005	
	05-SB-04		05-SB-05		05-SB-05-01		05-SB-05-02		05-SB-05-02		05-SB-05-02 Dup of	
	05-SB-04-04		05-SB-05-01		05-SB-05-02		05-SB-05-02		05-SB-05-02		05-SB-05-02	
	7.5 - 9.5		0 - 2		4 - 6		6 - 8					

SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon disulfide	ND	(	13000)	[50]	ND	(	10.0)	[1]	ND	(	300)	[1]
Carbon tetrachloride	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chlorobenzene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chloroethane	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chloroform	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chloromethane	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Dibromochloromethane	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Ethylbenzene	91000	(	6000)	[50]	22.0	(	5.00)	[1]	1100	(	100)	[1]
Methylene chloride	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Styrene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Tetrachloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Toluene	430000	(	6000)	[50]	74.0	(	5.00)	[1]	ND	(	100)	[1]
Tribromomethane(Bromoform)	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Trichloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Vinyl acetate	ND	(	65000)	[50]	ND	(	50.0)	[1]	ND	(	1000)	[1]
Vinyl chloride	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
cis-1,2-Dichloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
cis-1,3-Dichloropropene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
m & p-Xylene	510000	(	26000)	[50]	150	(	20.0)	[1]	3900	(	400)	[1]
o-Xylene	190000	(	13000)	[50]	58.0	(	10.0)	[1]	2000	(	300)	[1]
trans-1,2-Dichloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
trans-1,3-Dichloropropene	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]

SW8270 - Semivolatile Organics (mg/kg)												

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER	005			005			005			005		
	05-SB-04			05-SB-05			05-SB-05			05-SB-05		
	05-SB-04-04			05-SB-05-01			05-SB-05-02			05-SB-05-02 Dup of		
	7.5 - 9.5			0 - 2			4 - 6			05-SB-05-02		
										6 - 8		
SW8270 - Semivolatile Organics, cont. (mg/kg)												
1,2,4-Trichlorobenzene	ND	(0.614)	[1]	ND	(0.0202)	[1]	ND	(0.0264)	[1]	ND	(0.0267)	[1]
1,2-Dichlorobenzene	ND	(0.809)	[1]	ND	(0.0266)	[1]	ND	(0.0347)	[1]	ND	(0.0351)	[1]
1,3-Dichlorobenzene	ND	(0.411)	[1]	ND	(0.0135)	[1]	ND	(0.0177)	[1]	ND	(0.0179)	[1]
1,4-Dichlorobenzene	ND	(0.839)	[1]	ND	(0.0276)	[1]	ND	(0.0360)	[1]	ND	(0.0365)	[1]
2,4,5-Trichloropheno]	ND	(0.343)	[1]	ND	(0.0113)	[1]	ND	(0.0147)	[1]	ND	(0.0149)	[1]
2,4,6-Trichloropheno]	ND	(0.363)	[1]	ND	(0.0119)	[1]	ND	(0.0156)	[1]	ND	(0.0157)	[1]
2,4-Dichloropheno]	ND	(0.460)	[1]	ND	(0.0152)	[1]	ND	(0.0198)	[1]	ND	(0.0200)	[1]
2,4-Dimethylpheno]	ND	(1.14)	[1]	ND	(0.0376)	[1]	ND	(0.0491)	[1]	ND	(0.0496)	[1]
2,4-Dinitrophenol	ND	(7.27)	[1]	ND	(0.239)	[1]	ND	(0.312)	[1]	ND	(0.316)	[1]
2,4-Dinitrotoluene	ND	(0.571)	[1]	ND	(0.0188)	[1]	ND	(0.0245)	[1]	ND	(0.0248)	[1]
2,6-Dinitrotoluene	ND	(0.359)	[1]	ND	(0.0118)	[1]	ND	(0.0154)	[1]	ND	(0.0156)	[1]
2-Chloronaphthalene	ND	(0.337)	[1]	ND	(0.0111)	[1]	ND	(0.0145)	[1]	ND	(0.0146)	[1]
2-Chloropheno]	ND	(0.794)	[1]	ND	(0.0261)	[1]	ND	(0.0341)	[1]	ND	(0.0345)	[1]
2-Methylnaphthalene	20.0	(0.686)	[1]	ND	(0.0226)	[1]	0.0130 J	(0.0294)	[1]	0.0124 J	(0.0298)	[1]
2-Methylphenol (o-cresol)	ND	(0.555)	[1]	ND	(0.0183)	[1]	ND	(0.0238)	[1]	ND	(0.0241)	[1]
2-Nitroaniline	ND	(0.418)	[1]	ND	(0.0137)	[1]	ND	(0.0179)	[1]	ND	(0.0181)	[1]
2-Nitrophenol	ND	(0.457)	[1]	ND	(0.0150)	[1]	ND	(0.0196)	[1]	ND	(0.0199)	[1]
3,3'-Dichlorobenzidine	ND	(0.509)	[1]	ND	(0.0168)	[1]	ND	(0.0219)	[1]	ND	(0.0221)	[1]
3-Nitroaniline	ND	(0.529)	[1]	ND	(0.0174)	[1]	ND	(0.0227)	[1]	ND	(0.0230)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.823)	[1]	ND	(0.0271)	[1]	ND	(0.0353)	[1]	ND	(0.0357)	[1]
4-Bromophenyl phenyl ether	ND	(0.474)	[1]	ND	(0.0156)	[1]	ND	(0.0203)	[1]	ND	(0.0206)	[1]
4-Chloro-3-methylphenol	ND	(0.751)	[1]	ND	(0.0247)	[1]	ND	(0.0323)	[1]	ND	(0.0326)	[1]
4-Chloroaniline	ND	(0.581)	[1]	ND	(0.0191)	[1]	ND	(0.0249)	[1]	ND	(0.0252)	[1]
4-Chlorophenyl phenyl ether	ND	(0.548)	[1]	ND	(0.0181)	[1]	ND	(0.0236)	[1]	ND	(0.0238)	[1]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	005				005				005			
	05-SB-04				05-SB-05				05-SB-05-01			
	05-SB-04-04	05-SB-05-01	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02
	7.5 - 9.5	0 - 2	4 - 6	6 - 8								
SW8270 - Semivolatile Organics, cont. (mg/kg)												
4-Methylphenol(p-cresol)	ND (0.597)	[1]	ND (0.0197)	[1]	ND (0.0256)	[1]	ND (0.0259)	[1]	ND (0.0259)	[1]	ND (0.0259)	[1]
4-Nitroaniline	ND (0.503)	[1]	ND (0.0166)	[1]	ND (0.0216)	[1]	ND (0.0218)	[1]	ND (0.0218)	[1]	ND (0.0218)	[1]
4-Nitrophenol	ND (0.718)	[1]	ND (0.0236)	[1]	ND (0.0308)	[1]	ND (0.0312)	[1]	ND (0.0312)	[1]	ND (0.0312)	[1]
Acenaphthene	ND (0.497)	[1]	ND (0.0163)	[1]	ND (0.0213)	[1]	ND (0.0216)	[1]	ND (0.0216)	[1]	ND (0.0216)	[1]
Acenaphthylene	ND (0.235)	[1]	ND (0.00773)	[1]	ND (0.0101)	[1]	ND (0.0102)	[1]	ND (0.0102)	[1]	ND (0.0102)	[1]
Anthracene	ND (0.604)	[1]	ND (0.0199)	[1]	ND (0.0259)	[1]	ND (0.0262)	[1]	ND (0.0262)	[1]	ND (0.0262)	[1]
Benzo(a)anthracene	ND (0.535)	[1]	ND (0.0176)	[1]	ND (0.0230)	[1]	ND (0.0232)	[1]	ND (0.0232)	[1]	ND (0.0232)	[1]
Benzo(a)pyrene	ND (0.398)	[1]	ND (0.0131)	[1]	ND (0.0171)	[1]	ND (0.0173)	[1]	ND (0.0173)	[1]	ND (0.0173)	[1]
Benzo(b)fluoranthene	ND (0.591)	[1]	ND (0.0195)	[1]	ND (0.0254)	[1]	0.0135 FJ (0.0257)	[1]	0.0135 FJ (0.0257)	[1]	0.0135 FJ (0.0257)	[1]
Benzo(g,h,i)perylene	ND (0.506)	[1]	ND (0.0167)	[1]	ND (0.0217)	[1]	ND (0.0220)	[1]	ND (0.0220)	[1]	ND (0.0220)	[1]
Benzo(k)fluoranthene	ND (1.01)	[1]	ND (0.0331)	[1]	ND (0.0432)	[1]	0.0135 FJ (0.0437)	[1]	0.0135 FJ (0.0437)	[1]	0.0135 FJ (0.0437)	[1]
Benzoic acid	ND (4.11)	[1]	ND (0.135)	[1]	ND (0.177)	[1]	ND (0.179)	[1]	ND (0.179)	[1]	ND (0.179)	[1]
Benzyl alcohol	ND (1.12)	[1]	ND (0.0369)	[1]	0.0923 (0.0482)	[1]	ND (0.0487)	[1]	ND (0.0487)	[1]	ND (0.0487)	[1]
Butylbenzylphthalate	ND (0.408)	[1]	ND (0.0134)	[1]	ND (0.0175)	[1]	ND (0.0177)	[1]	ND (0.0177)	[1]	ND (0.0177)	[1]
Chrysene	ND (0.695)	[1]	ND (0.0229)	[1]	ND (0.0298)	[1]	ND (0.0302)	[1]	ND (0.0302)	[1]	ND (0.0302)	[1]
Di-n-butylphthalate	ND (0.512)	[1]	ND (0.0169)	[1]	ND (0.0220)	[1]	ND (0.0222)	[1]	ND (0.0222)	[1]	ND (0.0222)	[1]
Di-n-octylphthalate	ND (0.946)	[1]	ND (0.0312)	[1]	ND (0.0406)	[1]	ND (0.0411)	[1]	ND (0.0411)	[1]	ND (0.0411)	[1]
Dibenz(a,h)anthracene	ND (0.492)	[1]	ND (0.0162)	[1]	ND (0.0211)	[1]	ND (0.0214)	[1]	ND (0.0214)	[1]	ND (0.0214)	[1]
Dibenzofuran	ND (0.424)	[1]	ND (0.0140)	[1]	ND (0.0182)	[1]	ND (0.0184)	[1]	ND (0.0184)	[1]	ND (0.0184)	[1]
Diethylphthalate	ND (0.349)	[1]	ND (0.0115)	[1]	ND (0.0150)	[1]	ND (0.0152)	[1]	ND (0.0152)	[1]	ND (0.0152)	[1]
Dimethylphthalate	ND (0.291)	[1]	ND (0.00958)	[1]	ND (0.0125)	[1]	ND (0.0126)	[1]	ND (0.0126)	[1]	ND (0.0126)	[1]
Diphenylamine/N-NitrosoDPA	ND (0.588)	[1]	ND (0.0194)	[1]	ND (0.0252)	[1]	ND (0.0255)	[1]	ND (0.0255)	[1]	ND (0.0255)	[1]
Fluoranthene	ND (0.663)	[1]	ND (0.0218)	[1]	ND (0.0285)	[1]	0.0115 J (0.0288)	[1]	0.0115 J (0.0288)	[1]	0.0115 J (0.0288)	[1]
Fluorene	ND (0.349)	[1]	ND (0.0115)	[1]	ND (0.0150)	[1]	ND (0.0152)	[1]	ND (0.0152)	[1]	ND (0.0152)	[1]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	005	005	005	005	0 - 2	4 - 6	6 - 8			
	05-SB-04	05-SB-05	05-SB-05	05-SB-05	05-SB-05-01	05-SB-05-02	05-SB-05-02			
	05-SB-04-04									
	7.5 - 9.5									
SW8270 - Semivolatile Organics, cont. (mg/kg)										
Hexachlorobenzene	ND	(0.243)	[1]	ND	(0.00800)	[1]	ND	(0.0104)	[1]	ND
Hexachlorobutadiene	ND	(0.725)	[1]	ND	(0.0239)	[1]	ND	(0.0311)	[1]	ND
Hexachlorocyclopentadiene	ND	(9.27)	[1]	ND	(0.305)	[1]	ND	(0.398)	[1]	ND
Hexachloroethane	ND	(0.617)	[1]	ND	(0.0203)	[1]	ND	(0.0265)	[1]	ND
Indeno(1,2,3-cd)pyrene	ND	(0.545)	[1]	ND	(0.0180)	[1]	ND	(0.0234)	[1]	ND
Isophorone	ND	(0.298)	[1]	ND	(0.00982)	[1]	ND	(0.0128)	[1]	ND
N-Nitroso-di-n-propylamine	ND	(0.780)	[1]	ND	(0.0257)	[1]	ND	(0.0335)	[1]	ND
Naphthalene	14.9	(0.757)	[1]	ND	(0.0249)	[1]	ND	(0.0325)	[1]	0.0152 J
Nitrobenzene	ND	(0.548)	[1]	ND	(0.0181)	[1]	ND	(0.0236)	[1]	ND
Pentachloropheno]	ND	(0.897)	[1]	ND	(0.0295)	[1]	ND	(0.0385)	[1]	ND
Phenanthrene	0.359 J	(0.646)	[1]	ND	(0.0213)	[1]	ND	(0.0277)	[1]	0.0155 JB
Phenol	ND	(0.414)	[1]	ND	(0.0136)	[1]	ND	(0.0178)	[1]	ND
Pyrene	ND	(0.486)	[1]	ND	(0.0160)	[1]	ND	(0.0209)	[1]	0.0120 J
bis(2-Chloroethoxy)methane	ND	(0.584)	[1]	ND	(0.0192)	[1]	ND	(0.0251)	[1]	ND
bis(2-Chloroethyl) ether	ND	(0.760)	[1]	ND	(0.0250)	[1]	ND	(0.0327)	[1]	ND
bis(2-Chloroisopropyl) ether	ND	(0.754)	[1]	ND	(0.0248)	[1]	ND	(0.0324)	[1]	ND
bis(2-Ethylhexyl) phthalate	0.485 J	(1.90)	[1]	ND	(0.0626)	[1]	0.0390 J	(0.0816)	[1]	ND

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
Diesel Range Organics (mg/kg)										
Diesel Range Organics	2.00 JB (	20.0)	[1]	8.00 JB (	20.0)	[1]	190	(	20.0)	[1]
									29.0 B (	20.0)
Gasoline Range Organics (mg/kg)										
Gasoline Range Organics	1.00 J (	10.0)	[1]	3.00 J (	10.0)	[1]	0.00 JB (	10.0)	[1]	3.00 J (
										10.0)
Percent Solid (percent)	21.1	(	0.00)	[1]	26.1	(	0.00)	[1]	9.96	(
Percent moisture									0.00)	[1]
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1,2,2-Tetrachloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1,2-Trichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1-Dichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1-Dichloroethene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,2-Dichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,2-Dichloropropane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
2-Butanone(MEK)	2.00 JB	(	30.0)	[1]	ND	(	50.0)	[1]	ND	(
2-Chloroethyl vinyl ether	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
2-Hexanone	ND	(	30.0)	[1]	ND	(	50.0)	[1]	ND	(
4-Methyl-2-pentanone(MIBK)	ND	(	30.0)	[1]	ND	(	50.0)	[1]	ND	(
Acetone	9.80 JB	(	100)	[1]	130 J	(	200)	[1]	ND	(
Benzene	4.10 J	(	5.00)	[1]	13.0	(	8.00)	[1]	ND	(
Bromodichloromethane	ND	(5.00)	[1]	ND	(8.00)	[1]	ND	(
Bromomethane	ND	(5.00)	[1]	ND	(8.00)	[1]	ND	(
Carbon disulfide	ND	(10.0)	[1]	ND	(20.0)	[1]	ND	(

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
PARAMETER	005		005		005		005		005	
	05-SB-05		05-SB-05		05-SB-05		05-SB-06		05-SB-06	
	10 - 12		14 - 16		0 - 2		0 - 2		4 - 6	
SW8240 - Volatile Organics, cont. (ug/kg)										
Carbon tetrachloride	ND (5.00)	[1]	ND (8.00)	[1]	ND	1.50 J	ND (6.00)	[1]	ND (100)	[1]
Chlorobenzene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Chloroethane	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Chloroform	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Chloromethane	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Dibromochloromethane	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Ethylbenzene	1.50 J (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Methylene chloride	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Styrene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Tetrachloroethene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Toluene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Tribromomethane (Bromoform)	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Trichloroethene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
Vinyl acetate	ND (50.0)	[1]	ND (80.0)	[1]	ND		ND (60.0)	[1]	ND (1000)	[1]
Vinyl chloride	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
cis-1,2-Dichloroethene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
cis-1,3-Dichloropropene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
m & p-Xylene	2.80 J (20.0)	[1]	ND (30.0)	[1]	ND		ND (20.0)	[1]	ND (400)	[1]
o-Xylene	1.50 J (10.0)	[1]	ND (20.0)	[1]	ND		ND (10.0)	[1]	ND (200)	[1]
trans-1,2-Dichloroethene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
trans-1,3-Dichloropropene	ND (5.00)	[1]	ND (8.00)	[1]	ND		ND (6.00)	[1]	ND (100)	[1]
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND (0.0249)	[1]	ND (0.0266)	[1]	ND		ND (0.0218)	[1]	ND (0.0243)	[1]
1,2-Dichlorobenzene	ND (0.0328)	[1]	ND (0.0351)	[1]	ND		ND (0.0288)	[1]	ND (0.0320)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		005		005								
							05-SB-05		05-SB-06								
							10 - 12		0 - 2								
SW8270 - Semivolatile Organics, cont. (mg/kg)																	
Indeno(1,2,3-cd)pyrene	ND	(	0.0221)	[1]	ND	(	0.0236)	[1]	ND	(	0.0194)	[1]	ND	(	0.0216)	[1]
Isophorone	ND	(	0.0121)	[1]	ND	(	0.0129)	[1]	ND	(	0.0106)	[1]	ND	(	0.0118)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.0317)	[1]	ND	(	0.0338)	[1]	ND	(	0.0277)	[1]	ND	(	0.0309)	[1]
Naphthalene	ND	(0.0307)	[1]	ND	(0.0328)	[1]	0.0142	J	(0.0269)	[1]	0.145	(0.0300)	[1]
Nitrobenzene	ND	(	0.0223)	[1]	ND	(	0.0238)	[1]	ND	(	0.0195)	[1]	ND	(	0.0217)	[1]
Pentachlorophenol	ND	(	0.0364)	[1]	ND	(	0.0389)	[1]	ND	(	0.0319)	[1]	ND	(	0.0355)	[1]
Phenanthrene	ND	(0.0262)	[1]	ND	(0.0280)	[1]	0.00735	JB	(0.0230)	[1]	ND	(0.0256)	[1]
Phenol	ND	(	0.0168)	[1]	ND	(	0.0180)	[1]	ND	(	0.0147)	[1]	ND	(	0.0164)	[1]
Pyrene	ND	(	0.0197)	[1]	ND	(	0.0211)	[1]	ND	(	0.0173)	[1]	ND	(	0.0192)	[1]
bis(2-Chloroethoxy)methane	ND	(	0.0237)	[1]	ND	(	0.0253)	[1]	ND	(	0.0208)	[1]	ND	(	0.0231)	[1]
bis(2-Chloroethyl) ether	ND	(	0.0309)	[1]	ND	(	0.0330)	[1]	ND	(	0.0270)	[1]	ND	(	0.0301)	[1]
bis(2-Chloroisopropyl) ether	ND	(	0.0306)	[1]	ND	(	0.0327)	[1]	ND	(	0.0268)	[1]	ND	(	0.0298)	[1]
bis(2-Ethylhexyl) phthalate	ND	(	0.0772)	[1]	ND	(	0.0824)	[1]	ND	(	0.0676)	[1]	ND	(	0.0752)	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	005	005	005	005	005	005
Diesel Range Organics (mg/kg)	05-SB-06	05-SB-06	05-SB-06	05-SB-16	05-SB-17	05-SB-17
Diesel Range Organics	05-SB-06-03	05-SB-06-04	05-SB-06-04	05-SB-16-01	05-SB-17-01	05-SB-17-01
	8 - 10	12 - 14	12 - 14	0 - 0.5	0 - 0.5	0 - 0.5
Diesel Range Organics	16.0 JB (20.0)	[1]	8.00 JB (20.0)	[1]	NA	NA
Gasoline Range Organics (mg/kg)	7.00 J (10.0)	[1]	6.00 J (10.0)	[1]	NA	NA
Gasoline Range Organics	24.0 (0.00)	[1]	23.4 (0.00)	[1]	13.0 (0.00)	22.4 (0.00)
Percent Solid (percent)						
Percent moisture						
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
1,1,2,2-Tetrachloroethane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
1,1,2-Trichloroethane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
1,1-Dichloroethane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
1,1-Dichloroethene	ND (100)	[1]	ND (6.00)	[1]	NA	NA
1,2-Dichloroethane	ND (100)	[1]	2.30 J (6.00)	[1]	NA	NA
1,2-Dichloropropane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
2-Butanone(MEK)	500 JB (600)	[1]	16.0 JB (30.0)	[1]	NA	NA
2-Chloroethyl vinyl ether	ND (100)	[1]	ND (6.00)	[1]	NA	NA
2-Hexanone	ND (600)	[1]	ND (30.0)	[1]	NA	NA
4-Methyl-2-pentanone(MIBK)	ND (600)	[1]	9.40 J (30.0)	[1]	NA	NA
Acetone	440 J (3000)	[1]	91.0 J (100)	[1]	NA	NA
Benzene	380 (100)	[1]	26.0 (6.00)	[1]	NA	NA
Bromodichloromethane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
Bromomethane	ND (100)	[1]	ND (6.00)	[1]	NA	NA
Carbon disulfide	ND (300)	[1]	ND (10.0)	[1]	NA	NA

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				005			
	LOCATION ID				SAMPLE ID				005			
SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon tetrachloride	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	005	05-SS-17
Chlorobenzene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SS-16	05-SS-17-01
Chloroethane	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	0 - 0.5	
Chloroform	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Chloromethane	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Dibromochloromethane	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Ethylbenzene	650	(	100)	[1]	58.0	(	6.00)	[1]	NA	NA		
Methylene chloride	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Styrene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Tetrachloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Toluene	ND	(	100)	[1]	3.40	J	(	6.00)	[1]	NA	NA	
Tribromomethane(Bromoform)	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Trichloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
Vinyl acetate	ND	(	1000)	[1]	ND	(	60.0)	[1]	NA	NA		
Vinyl chloride	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
cis-1,2-Dichloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
cis-1,3-Dichloropropene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
m & p-Xylene	1000	(	400)	[1]	1.90	J	(	20.0)	[1]	NA	NA	
o-Xylene	ND	(	300)	[1]	ND	(	10.0)	[1]	NA	NA		
trans-1,2-Dichloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
trans-1,3-Dichloropropene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA		
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	ND	(0.0259)	[1]	ND	(0.0257)	[1]	NA	NA		
1,2-Dichlorobenzene	ND	(0.0341)	[1]	ND	(0.0339)	[1]	NA	NA		

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
PARAMETER	005		005		005	
	05-SB-06		05-SB-06		05-SS-16	
	05-SB-06-03		05-SB-06-04		05-SS-16-01	
	8 - 10		12 - 14		0 - 0.5	
SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,3-Dichlorobenzene	ND	(0.0173)	[1]	ND	(0.0172)	[1]
1,4-Dichlorobenzene	ND	(0.0354)	[1]	ND	(0.0351)	[1]
2,4,5-Trichloropheno	ND	(0.0144)	[1]	ND	(0.0143)	[1]
2,4,6-Trichloropheno	ND	(0.0153)	[1]	ND	(0.0152)	[1]
2,4-Dichloropheno	ND	(0.0194)	[1]	ND	(0.0193)	[1]
2,4-Dimethylpheno	ND	(0.0481)	[1]	ND	(0.0478)	[1]
2,4-Dinitrophenol	ND	(0.306)	[1]	ND	(0.304)	[1]
2,4-Dinitrotoluene	ND	(0.0241)	[1]	ND	(0.0239)	[1]
2,6-Dinitrotoluene	ND	(0.0151)	[1]	ND	(0.0150)	[1]
2-Chloronaphthalene	ND	(0.0142)	[1]	ND	(0.0141)	[1]
2-Chloropheno	ND	(0.0334)	[1]	ND	(0.0332)	[1]
2-Methylnaphthalene	ND	(0.0289)	[1]	ND	(0.0287)	[1]
2-Methylpheno (o-cresol)	ND	(0.0234)	[1]	ND	(0.0232)	[1]
2-Nitroaniline	ND	(0.0176)	[1]	ND	(0.0175)	[1]
2-Nitrophenol	ND	(0.0193)	[1]	ND	(0.0191)	[1]
3,3'-Dichlorobenzidine	ND	(0.0214)	[1]	ND	(0.0213)	[1]
3-Nitroaniline	ND	(0.0223)	[1]	ND	(0.0221)	[1]
4,6-Dinitro-2-methylpheno	ND	(0.0347)	[1]	ND	(0.0344)	[1]
4-Bromophenyl phenyl ether	ND	(0.0200)	[1]	ND	(0.0198)	[1]
4-Chloro-3-methylpheno	ND	(0.0316)	[1]	ND	(0.0314)	[1]
4-Chloroaniline	ND	(0.0245)	[1]	ND	(0.0243)	[1]
4-Chlorophenyl phenyl ether	ND	(0.0231)	[1]	ND	(0.0230)	[1]
4-Methylpheno (p-cresol)	ND	(0.0252)	[1]	ND	(0.0250)	[1]
4-Nitroaniline	ND	(0.0212)	[1]	ND	(0.0210)	[1]
4-Nitrophenol	ND	(0.0302)	[1]	ND	(0.0300)	[1]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	005	005	005	005
	05-SB-06	05-SB-06	05-SS-16	05-SS-17
	05-SB-06-03	05-SB-06-04	05-SS-16-01	05-SS-17-01
	8 - 10	12 - 14	0 - 0.5	0 - 0.5

SW8270 - Semivolatile Organics, cont. (mg/kg)				
Acenaphthene	ND	(0.0209)	[1]	NA
Acenaphthylene	ND	(0.00989)	[1]	NA
Anthracene	ND	(0.0254)	[1]	NA
Benzo(a)anthracene	ND	(0.0225)	[1]	NA
Benzo(a)pyrene	ND	(0.0168)	[1]	NA
Benzo(b)fluoranthene	ND	(0.0249)	[1]	NA
Benzo(g,h,i)perylene	ND	(0.0213)	[1]	NA
Benzo(k)fluoranthene	ND	(0.0424)	[1]	NA
Benzoic acid	0.0311 J	(0.173)	[1]	NA
Benzyl alcohol	ND	(0.0473)	[1]	NA
Butylbenzylphthalate	ND	(0.0172)	[1]	NA
Chrysene	ND	(0.0293)	[1]	NA
Di-n-butylphthalate	ND	(0.0216)	[1]	NA
Di-n-octylphthalate	ND	(0.0399)	[1]	NA
Dibenz(a,h)anthracene	ND	(0.0207)	[1]	NA
Dibenzofuran	ND	(0.0179)	[1]	NA
Diethylphthalate	ND	(0.0147)	[1]	NA
Dimethylphthalate	ND	(0.0123)	[1]	NA
Diphenylamine/N-NitrosodPA	ND	(0.0248)	[1]	NA
Fluoranthene	ND	(0.0279)	[1]	NA
Fluorene	ND	(0.0147)	[1]	NA
Hexachlorobenzene	ND	(0.0102)	[1]	NA
Hexachlorobutadiene	ND	(0.0305)	[1]	NA
Hexachlorocyclopentadiene	ND	(0.390)	[1]	NA
Hexachloroethane	ND	(0.0260)	[1]	NA

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PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	005	005	005	005	005	005
	05-SB-06	05-SB-06	05-SB-06	05-SS-16	05-SS-17	05-SS-17
	05-SB-06-03	05-SB-06-04	05-SB-06-01	05-SS-16-01	05-SS-17-01	05-SS-17-01
	8 - 10	12 - 14	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)						
Indeno(1,2,3-cd)pyrene	ND	(0.0230)	[1]	ND	(0.0228)	[1]
Isophorone	ND	(0.0126)	[1]	ND	(0.0125)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0329)	[1]	ND	(0.0326)	[1]
Naphthalene	ND	(0.0319)	[1]	ND	(0.0317)	[1]
Nitrobenzene	ND	(0.0231)	[1]	ND	(0.0230)	[1]
Pentachlorophenol	ND	(0.0378)	[1]	ND	(0.0376)	[1]
Phenanthrene	ND	(0.0272)	[1]	0.00852 JB	(0.0270)	[1]
Phenol	ND	(0.0175)	[1]	ND	(0.0173)	[1]
Pyrene	ND	(0.0205)	[1]	ND	(0.0203)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0246)	[1]	ND	(0.0244)	[1]
bis(2-Chloroethyl)ether	ND	(0.0320)	[1]	ND	(0.0318)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0318)	[1]	ND	(0.0316)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0801)	[1]	ND	(0.0796)	[1]

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
Diesel Range Organics (mg/kg)	005		008		008		008	
Diesel Range Organics	05-SS-21		05-SS-22		06-SB-03		06-SB-03	
	0 - 0.5		0 - 0.5		0 - 2		4 - 6	
	NA		NA		81.0 B (20.0)		12000 (20.0)	
Gasoline Range Organics (mg/kg)	NA		NA		41.0 (10.0)		4900 (10.0)	
Gasoline Range Organics	22.4 (0.00)		17.9 (0.00)		14.5 (0.00)		13.4 (0.00)	
Percent Solid (percent)	[1]		[1]		[1]		[1]	
Percent moisture	NA		NA		NA		NA	
SW8240 - Volatile Organics (ug/kg)	NA		NA		ND (2000)		ND (2000)	
1,1,1-Trichloroethane	NA		NA		ND (2000)		ND (2000)	
1,1,2,2-Tetrachloroethane	NA		NA		ND (2000)		ND (2000)	
1,1,2-Trichloroethane	NA		NA		ND (2000)		ND (2000)	
1,1-Dichloroethane	NA		NA		ND (2000)		ND (2000)	
1,1-Dichloroethene	NA		NA		ND (2000)		ND (2000)	
1,2-Dichloroethane	NA		NA		ND (2000)		ND (2000)	
1,2-Dichloropropane	NA		NA		ND (12000)		ND (11000)	
2-Butanone(MEK)	NA		NA		ND (2000)		ND (2000)	
2-Chloroethyl vinyl ether	NA		NA		ND (12000)		ND (11000)	
2-Hexanone	NA		NA		ND (12000)		ND (11000)	
4-Methyl-2-pentanone(MIBK)	NA		NA		ND (48000)		ND (42000)	
Acetone	NA		NA		6600 (2000)		22000 (2000)	
Benzene	NA		NA		ND (2000)		ND (2000)	
Bromodichloromethane	NA		NA		ND (2000)		ND (2000)	
Bromomethane	NA		NA		ND (2000)		ND (2000)	
Carbon disulfide	NA		NA		ND (5000)		ND (4000)	

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW8240 - Volatile Organics, cont. (ug/kg)	005	005	008	008
	05-SS-21	05-SS-22	06-SB-03	06-SB-03
	05-SS-21-01	05-SS-22-01	06-SB-03-01	06-SB-03-02
	0 - 0.5	0 - 0.5	0 - 2	4 - 6
	NA	NA	(2000)	(2000)
	NA	NA	(2000)	(2000)
	NA	NA	(2000)	(2000)
	NA	NA	(2000)	(2000)
	NA	NA	(2000)	(2000)
	NA	NA	(2000)	(2000)
SW8270 - Semivolatile Organics (mg/kg)	35000	71000	160000	60000
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
SW8270 - Semivolatile Organics (mg/kg)	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA
	NA	NA	NA	NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)											
	LOCATION ID		SAMPLE ID													

SW8270 - Semivolatile Organics, cont. (mg/kg)																
Acenaphthene	005	005	008	008	005	008	008	008								
Acenaphthylene	05-SS-21	05-SS-22	06-SB-03	06-SB-03	05-SS-21-01	06-SB-03-01	06-SB-03-02	06-SB-03-02								
Anthracene	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 2	4 - 6	4 - 6								
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzoic acid	NA	NA	NA	NA	NA	NA	NA	NA								
Benzyl alcohol	NA	NA	NA	NA	NA	NA	NA	NA								
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA								
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA								
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA								
Diethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Diphenylamine/N-NitrosodPA	NA	NA	NA	NA	NA	NA	NA	NA								
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA								
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA								

Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA								
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA								
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA								
Benzoic acid	NA	NA	NA	NA	NA	NA	NA	NA								
Benzyl alcohol	NA	NA	NA	NA	NA	NA	NA	NA								
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA								
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA	NA								
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA								
Diethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA								
Diphenylamine/N-NitrosodPA	NA	NA	NA	NA	NA	NA	NA	NA								
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA								
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA	NA								
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA								

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

ND = Not Detected

[] = Dilution Factor

() = Detection Limit

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID		SAMPLE ID													
	BEG. DEPTH - END DEPTH (FT.)															
	008	008	008	008	008	008	008	008	008	008	008	008				
	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03				
	06-SB-03-03	06-SB-03-DS-03 Dup of	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03				
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10				
	11000	(	20.0)	[25]	12000	(	20.0)	[50]	59.0	B	(	20.0)	[1]	NA	
Diesel Range Organics (mg/kg)																
Diesel Range Organics	8200	(	10.0)	[100]	8600	(	10.0)	[100]	1.00	J	(	10.0)	[1]	NA	
Gasoline Range Organics (mg/kg)																
Gasoline Range Organics	25.0	(0.00)	[1]	25.4	(0.00)	[1]	10.3	(0.00)	[1]	12.2	(0.00)	[1]
Percent Solid (percent)																
Percent moisture																
SW8240 - Volatile Organics (ug/kg)																
1,1,1-Trichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
1,1,1,2,2-Tetrachloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
1,1,1,2,2-Trichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
1,1-Dichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
1,1-Dichloroethene	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
1,2-Dichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
1,2-Dichloropropane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
2-Butanone(MEK)	ND	(	39000)	[50]	ND	(	41000)	[50]	18.0	JB	(	30.0)	[1]	NA	
2-Chloroethyl vinyl ether	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
2-Hexanone	ND	(	39000)	[50]	ND	(	41000)	[50]	ND	(	30.0)	[1]	NA		
4-Methyl-2-pentanone(MIBK)	ND	(	39000)	[50]	ND	(	41000)	[50]	2.70	J	(	30.0)	[1]	NA	
Acetone	ND	(	130000)	[50]	27000	J	(	140000)	[50]	92.0	J	(	100)	[1]	NA
Benzene	68000	(	6000)	[50]	76000	(	7000)	[50]	0.800	J	(	5.00)	[1]	NA	
Bromodichloromethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND	(	5.00)	[1]	NA		
Bromomethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA			

Compiled: 17 March 1995

() = Detection Limit

[]

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ND

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NA

= Not Applicable

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	008	008	008	008	008	008	008	008
	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03
	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	14 - 16	0 - 0.5

SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon disulfide	ND	(13000)	[50]	ND	(14000)	[50]	ND	(10.0)
Carbon tetrachloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chlorobenzene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloroform	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Dibromochloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Ethylbenzene	100000	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Methylene chloride	ND	(6000)	[50]	ND	(7000)	[50]	1.00 J	(5.00)
Styrene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Tetrachloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Toluene	480000	(6000)	[50]	550000	(7000)	[50]	4.10 J	(5.00)
Tribromomethane(Bromoform)	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Trichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Vinyl acetate	ND	(65000)	[50]	ND	(68000)	[50]	ND	(50.0)
Vinyl chloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
cis-1,2-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
cis-1,3-Dichloropropene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
m & p-Xylene	340000	(26000)	[50]	310000	(27000)	[50]	3.50 J	(20.0)
o-Xylene	1100000	(13000)	[50]	130000	(14000)	[50]	1.60 J	(10.0)
trans-1,2-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
trans-1,3-Dichloropropene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
SW8270 - Semivolatile Organics (mg/kg)								

Compiled: 17 March 1995

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[]

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ND

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (mg/kg)	008		008		008		008	
	06-SB-03		06-SB-03		06-SB-03		06-SB-03	
	06-SB-03-03		06-SB-03-DS-03 Dup of		06-SB-03-04		06-SB-03-04	
	8 - 10		06-SB-03-03		14 - 16		0 - 0.5	
	8 - 10		8 - 10		8 - 10		8 - 10	
	ND		ND		ND		ND	
	(0.769)		(0.685)		(0.685)		(0.685)	
	(0.830)		(0.740)		(0.740)		(0.740)	
	(0.937)		(0.836)		(0.836)		(0.836)	
	(0.769)		(0.685)		(0.685)		(0.685)	
	(0.665)		(0.593)		(0.593)		(0.593)	
	(0.661)		(0.590)		(0.590)		(0.590)	
	(0.744)		(0.663)		(0.663)		(0.663)	
	(1.70)		(1.52)		(1.52)		(1.52)	
	(5.46)		(4.87)		(4.87)		(4.87)	
	(0.773)		(0.689)		(0.689)		(0.689)	
	(1.13)		(1.00)		(1.00)		(1.00)	
	(0.512)		(0.457)		(0.457)		(0.457)	
	(0.830)		(0.740)		(0.740)		(0.740)	
	(0.476)		(0.424)		(0.424)		(0.424)	
	(0.405)		(0.361)		(0.361)		(0.361)	
	(0.867)		(0.773)		(0.773)		(0.773)	
	(0.682)		(0.608)		(0.608)		(0.608)	
	(0.435)		(0.388)		(0.388)		(0.388)	
	(0.514)		(0.458)		(0.458)		(0.458)	
	(0.562)		(0.501)		(0.501)		(0.501)	
	(0.633)		(0.564)		(0.564)		(0.564)	
	(0.673)		(0.600)		(0.600)		(0.600)	
	(0.974)		(0.868)		(0.868)		(0.868)	
	(0.550)		(0.491)		(0.491)		(0.491)	
1,2,4-Trichlorobenzene	ND		ND		ND		ND	
1,2-Dichlorobenzene	ND		ND		ND		ND	
1,3-Dichlorobenzene	ND		ND		ND		ND	
1,4-Dichlorobenzene	ND		ND		ND		ND	
2,4,5-Trichlorophenol	ND		ND		ND		ND	
2,4,6-Trichlorophenol	ND		ND		ND		ND	
2,4-Dichlorophenol	ND		ND		ND		ND	
2,4-Dimethylphenol	ND		ND		ND		ND	
2,4-Dinitrophenol	ND		ND		ND		ND	
2,4-Dinitrotoluene	ND		ND		ND		ND	
2,6-Dinitrotoluene	ND		ND		ND		ND	
2-Chloronaphthalene	ND		ND		ND		ND	
2-Chlorophenol	ND		ND		ND		ND	
2-Methylnaphthalene	56.7		54.4		54.4		54.4	
2-Methylphenol (o-cresol)	ND		ND		ND		ND	
2-Nitroaniline	ND		ND		ND		ND	
2-Nitrophenol	ND		ND		ND		ND	
3,3'-Dichlorobenzidine	ND		ND		ND		ND	
3-Nitroaniline	ND		ND		ND		ND	
4,6-Dinitro-2-methylphenol	ND		ND		ND		ND	
4-Bromophenyl phenyl ether	ND		ND		ND		ND	
4-Chloro-3-methylphenol	ND		ND		ND		ND	
4-Chloroaniline	5.06		5.04		5.04		5.04	
4-Chlorophenyl phenyl ether	ND		ND		ND		ND	

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	008	008	008	008	008	008	008	008	008	008
	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03-DS-03 Dup of	06-SB-03-04	06-SB-03-04	06-SB-03-04	06-SB-03-04	06-SB-03-04
	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	14 - 16	0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)										
4-Methylphenol(p-cresol)	ND	(0.600)	[1]	ND	(0.535)	[1]	0.170 F	(0.0507)	[1]	NA
4-Nitroaniline	ND	(0.792)	[1]	ND	(0.706)	[1]	ND	(0.0669)	[1]	NA
4-Nitrophenol	ND	(1.22)	[1]	ND	(1.09)	[1]	ND	(0.103)	[1]	NA
Acenaphthene	ND	(0.356)	[1]	ND	(0.317)	[1]	ND	(0.0300)	[1]	NA
Acenaphthylene	ND	(0.546)	[1]	ND	(0.487)	[1]	ND	(0.0461)	[1]	NA
Anthracene	ND	(0.481)	[1]	ND	(0.429)	[1]	ND	(0.0406)	[1]	NA
Benzo(a)anthracene	ND	(0.587)	[1]	ND	(0.523)	[1]	ND	(0.0496)	[1]	NA
Benzo(a)pyrene	ND	(0.677)	[1]	ND	(0.604)	[1]	ND	(0.0572)	[1]	NA
Benzo(b)fluoranthene	ND	(1.19)	[1]	ND	(1.06)	[1]	ND	(0.100)	[1]	NA
Benzo(g,h,i)perylene	ND	(1.33)	[1]	ND	(1.19)	[1]	ND	(0.113)	[1]	NA
Benzo(k)fluoranthene	ND	(1.31)	[1]	ND	(1.16)	[1]	ND	(0.110)	[1]	NA
Benzoic acid	ND	(50.5)	[1]	ND	(45.0)	[1]	ND	(4.26)	[1]	NA
Benzyl alcohol	ND	(0.797)	[1]	ND	(0.711)	[1]	ND	(0.0673)	[1]	NA
Butylbenzylphthalate	ND	(0.817)	[1]	ND	(0.729)	[1]	ND	(0.0690)	[1]	NA
Chrysene	ND	(0.702)	[1]	ND	(0.626)	[1]	ND	(0.0593)	[1]	NA
Di-n-butylphthalate	ND	(0.424)	[1]	ND	(0.378)	[1]	ND	(0.0358)	[1]	NA
Di-n-octylphthalate	ND	(0.460)	[1]	ND	(0.410)	[1]	ND	(0.0389)	[1]	NA
Dibenz(a,h)anthracene	ND	(1.06)	[1]	ND	(0.945)	[1]	ND	(0.0895)	[1]	NA
Dibenzofuran	1.41	(0.702)	[1]	1.05	(0.626)	[1]	0.0482 J	(0.0593)	[1]	NA
Diethylphthalate	ND	(0.673)	[1]	ND	(0.600)	[1]	ND	(0.0568)	[1]	NA
Dimethylphthalate	ND	(0.439)	[1]	ND	(0.392)	[1]	ND	(0.0371)	[1]	NA
Diphenylamine/N-NitrosodPA	ND	(0.352)	[1]	ND	(0.314)	[1]	ND	(0.0297)	[1]	NA
Fluoranthene	ND	(0.616)	[1]	ND	(0.549)	[1]	ND	(0.0520)	[1]	NA
Fluorene	1.37	(0.497)	[1]	1.22	(0.443)	[1]	0.0400 J	(0.0419)	[1]	NA

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (mg/kg)	008	008	008	008	008	008	008	008
	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03
	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10
	ND	(0.410)	[1]	ND	(0.366)	[1]	ND	(0.0347)
	Hexachlorobenzene	ND	[1]	ND	(0.597)	[1]	ND	(0.0565)
	Hexachlorobutadiene	ND	[1]	ND	(6.87)	[1]	ND	(0.650)
	Hexachlorocyclopentadiene	ND	[1]	ND	(0.740)	[1]	ND	(0.0701)
	Hexachloroethane	ND	[1]	ND	(1.55)	[1]	ND	(0.147)
	Indeno(1,2,3-cd)pyrene	ND	[1]	ND	(0.718)	[1]	ND	(0.0680)
	Isophorone	ND	[1]	ND	(0.762)	[1]	ND	(0.0722)
	N-Nitroso-di-n-propylamine	ND	[1]	ND	(0.557)	[1]	ND	(0.0528)
	Naphthalene	22.0	[1]	23.1	(0.981)	[1]	0.538	(0.0929)
	Nitrobenzene	ND	[1]	ND	(1.04)	[1]	ND	(0.0981)
	Pentachlorophenol	ND	[1]	ND	(0.546)	[1]	ND	(0.0517)
	Phenanthrene	0.736	[1]	0.716	(1.03)	[1]	ND	(0.0975)
	Phenol	ND	[1]	ND	(0.476)	[1]	ND	(0.0450)
	Pyrene	ND	[1]	ND	(0.706)	[1]	ND	(0.0669)
	bis(2-Chloroethoxy)methane	ND	[1]	ND	(0.446)	[1]	ND	(0.0423)
bis(2-Chloroethyl)ether	ND	(0.501)	[1]	ND	(0.930)	[1]	ND	(0.0881)
	bis(2-Chloroisopropyl)ether	ND	[1]	ND	(0.677)	[1]	ND	(0.0641)
	bis(2-Ethylhexyl)phthalate	3.62	[1]	2.58	(0.677)	[1]	0.164	(0.0641)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
Percent Solid (percent)	008	008	008	008	008	008
Percent moisture	06-SS-08	06-SS-09	06-SS-10	06-SS-11	06-SS-11	06-SS-11
	06-SS-08-01	06-SS-09-01	06-SS-10-01	06-SS-11-01	06-SS-11-01	06-SS-11-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	7.42	4.92	9.96	11.9	0.00	0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	[1]	[1]	[1]	[1]	[1]	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
	BEG. DEPTH - END DEPTH (FT.)															
	008	008	008	008	008	008	008	008	008	008	008	008				
	06-SS-11	06-SS-12	06-SS-13	06-SS-14	06-SS-15	06-SS-16	06-SS-17	06-SS-18	06-SS-19	06-SS-20	06-SS-21	06-SS-22				
	06-SS-11-DS-01 Dup of	06-SS-12-01	06-SS-13-01	06-SS-14-01	06-SS-15-01	06-SS-16-01	06-SS-17-01	06-SS-18-01	06-SS-19-01	06-SS-20-01	06-SS-21-01	06-SS-22-01				
	06-SS-11-01	06-SS-12-01	06-SS-13-01	06-SS-14-01	06-SS-15-01	06-SS-16-01	06-SS-17-01	06-SS-18-01	06-SS-19-01	06-SS-20-01	06-SS-21-01	06-SS-22-01				
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5				
Percent Solid (percent)	12.1	(0.00)	[1]	18.8	(0.00)	[1]	18.5	(0.00)	[1]	20.5	(0.00)	[1]
Percent moisture																

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A9-40

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	3		3		3							
	07-HA-01		07-HA-02		07-HA-03							
	07-HA-01-01		07-HA-02-01		07-HA-03-01							
	0 - 1		4 - 5		8 - 9							
	0 - 1		0 - 1		0 - 1							
Diesel Range Organics (mg/kg)												
Diesel Range Organics	5.00	JB (20.0)	[1]	0.00	JB (20.0)	[1]	19.0	JB (20.0)	[1]	0.00	JB (20.0)	[1]
Gasoline Range Organics (mg/kg)												
Gasoline Range Organics	0.00	JB (10.0)	[1]	NA			0.00	JB (10.0)	[1]	0.00	JB (10.0)	[1]
Percent Solid (percent)												
Percent moisture	11.8	(0.00)	[1]	NA			32.6	(0.00)	[1]	12.6	(0.00)	[1]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(2.39)	[1]	NA			ND	(3.07)	[1]	ND	(2.40)	[1]
1,1,2,2-Tetrachloroethane	ND	(5.11)	[1]	NA			ND	(6.57)	[1]	ND	(5.14)	[1]
1,1,2-Trichloroethane	ND	(1.12)	[1]	NA			ND	(1.44)	[1]	ND	(1.13)	[1]
1,1-Dichloroethane	ND	(2.60)	[1]	NA			ND	(3.35)	[1]	ND	(2.62)	[1]
1,1-Dichloroethene	ND	(2.72)	[1]	NA			ND	(3.49)	[1]	ND	(2.73)	[1]
1,2-Dichloroethane	ND	(1.46)	[1]	NA			ND	(1.88)	[1]	ND	(1.47)	[1]
1,2-Dichloropropane	ND	(1.19)	[1]	NA			ND	(1.53)	[1]	ND	(1.19)	[1]
2-Butanone(MEK)	5.57	JB (8.06)	[1]	NA			10.7	B (10.4)	[1]	5.39	JB (8.10)	[1]
2-Chloroethyl vinyl ether	ND	(2.60)	[1]	NA			ND	(3.35)	[1]	ND	(2.62)	[1]
2-Hexanone	ND	(6.45)	[1]	NA			ND	(8.29)	[1]	10.8	(6.48)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(2.87)	[1]	NA			ND	(3.69)	[1]	6.51	(2.89)	[1]
Acetone	3.12	JB (16.7)	[1]	NA			9.46	JB (21.5)	[1]	3.71	JB (16.8)	[1]
Benzene	ND	(1.14)	[1]	NA			ND	(1.47)	[1]	ND	(1.15)	[1]
Bromodichloromethane	ND	(1.31)	[1]	NA			ND	(1.69)	[1]	ND	(1.32)	[1]
Bromomethane	ND	(2.70)	[1]	NA			ND	(3.48)	[1]	ND	(2.72)	[1]
Carbon disulfide	ND	(3.03)	[1]	NA			ND	(3.90)	[1]	ND	(3.05)	[1]

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor NA = Not Applicable ND = Not Detected R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID										
LOCATION ID										
SAMPLE ID										
BEG. DEPTH - END DEPTH (FT.)										
PARAMETER	3			3			3			
	07-HA-01			07-HA-02			07-HA-03			07-HA-04
	07-HA-01-01			07-HA-02-01			07-HA-03-01			07-HA-04-02
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Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

		SITE ID			
		LOCATION ID			
		SAMPLE ID			
		BEG. DEPTH - END DEPTH (FT.)			
		3	3	3	
		07-HA-01	07-HA-02	07-HA-03	07-HA-04
		07-HA-01-01	07-HA-02-01	07-HA-03-01	07-HA-04-02
		0 - 1	4 - 5	8 - 9	0 - 1

PARAMETER					

SW8270 - Semivolatile Organics, cont. (mg/kg)					
N-Nitroso-di-n-propylamine	ND	(0.0247)	[1]	NA	
Naphthalene	ND	(0.0181)	[1]	NA	
Nitrobenzene	ND	(0.0318)	[1]	NA	
Pentachloropheno]	ND	(0.0336)	[1]	NA	
Phenanthrene	0.126	(0.0177)	[1]	NA	
Pheno]	ND	(0.0334)	[1]	NA	
Pyrene	1.01	(0.0154)	[1]	NA	
bis(2-Chloroethoxy)methane	ND	(0.0229)	[1]	NA	
bis(2-Chloroethyl) ether	ND	(0.0145)	[1]	NA	
bis(2-Chloroisopropyl) ether	ND	(0.0302)	[1]	NA	
bis(2-Ethylhexyl) phthalate	ND	(0.0220)	[1]	NA	

Compiled: 17 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

R

= Invalid Result, Refer to QC Report

A9-45

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
Diesel Range Organics (mg/kg)	5600	(20.0)	[1]	3600	(20.0)	[1]	2600	(20.0)	[1]	4.00 JB (20.0)
Gasoline Range Organics (mg/kg)	610	(100)	[1]	770	(10.0)	[1]	940	(10.0)	[1]	0.00 JB (10.0)
Percent Solid (percent)	18.8	(0.00)	[1]	20.0	(0.00)	[1]	18.8	(0.00)	[1]	14.5 (0.00)
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(11.8)	[1]	ND	(12.0)	[1]	ND	(174)	[50]	ND (2.50)
1,1,2,2-Tetrachloroethane	ND	(25.3)	[1]	ND	(25.7)	[1]	ND	(101)	[50]	ND (5.35)
1,1,2-Trichloroethane	ND	(5.54)	[1]	ND	(5.62)	[1]	ND	(56.4)	[50]	ND (1.17)
1,1-Dichloroethane	ND	(12.9)	[1]	ND	(13.1)	[1]	ND	(99.2)	[50]	ND (2.72)
1,1-Dichloroethene	ND	(13.4)	[1]	ND	(13.6)	[1]	ND	(126)	[50]	ND (2.84)
1,2-Dichloroethane	ND	(7.21)	[1]	ND	(7.32)	[1]	ND	(64.7)	[50]	ND (1.53)
1,2-Dichloropropane	ND	(5.87)	[1]	ND	(5.96)	[1]	ND	(36.4)	[50]	ND (1.24)
2-Butanone(MEK)	25.1 JB	(39.8)	[1]	25.1 JB	(40.4)	[1]	214 JB	(382)	[50]	ND (8.43)
2-Chloroethyl vinyl ether	ND	(12.9)	[1]	ND	(13.1)	[1]	ND	(465)	[50]	ND (2.72)
2-Hexanone	ND	(31.9)	[1]	ND	(32.4)	[1]	ND	(249)	[50]	ND (6.75)
4-Methyl-2-pentanone(MIBK)	ND	(14.2)	[1]	ND	(14.4)	[1]	ND	(177)	[50]	ND (3.01)
Acetone	ND	(82.8)	[1]	ND	(84.0)	[1]	ND	(3820)	[50]	ND (17.5)
Benzene	ND	(5.65)	[1]	ND	(5.73)	[1]	ND	(51.3)	[50]	ND (1.20)
Bromodichloromethane	ND	(6.49)	[1]	ND	(6.58)	[1]	ND	(43.7)	[50]	ND (1.37)
Bromomethane	ND	(13.4)	[1]	ND	(13.6)	[1]	ND	(307)	[50]	ND (2.83)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	3		3		3		3		3	
	07-HA-05	07-HA-05-02	07-HA-05	07-HA-05-DS-02 Dup of 07-HA-05-02	4 - 5	4 - 5	07-HA-06	07-HA-06-02	07-HA-07	07-HA-07-03
	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	6 - 7	6 - 7	0 - 1	0 - 1
SW8240 - Volatile Organics, cont. (ug/kg)										
Carbon disulfide	ND	(15.0)	[1]	ND	(15.2)	[1]	ND	(105)	[50]	ND (3.17)
Carbon tetrachloride	ND	(7.72)	[1]	ND	(7.83)	[1]	ND	(73.8)	[50]	ND (1.63)
Chlorobenzene	ND	(6.21)	[1]	ND	(6.30)	[1]	ND	(72.6)	[50]	ND (1.31)
Chloroethane	ND	(10.6)	[1]	ND	(10.8)	[1]	ND	(85.3)	[50]	ND (2.25)
Chloroform	ND	(8.84)	[1]	ND	(8.97)	[1]	ND	(60.2)	[50]	ND (1.87)
Chloromethane	ND	(30.3)	[1]	ND	(30.8)	[1]	ND	(118)	[50]	ND (6.42)
Dibromochloromethane	ND	(7.10)	[1]	ND	(7.21)	[1]	ND	(56.5)	[50]	ND (1.50)
Ethylbenzene	ND	(5.42)	[1]	ND	(5.51)	[1]	340	(54.0)	[50]	ND (1.15)
Methylene chloride	10.8 JB	(11.7)	[1]	ND	(11.9)	[1]	ND	(111)	[50]	5.04 B (2.49)
Styrene	ND	(10.1)	[1]	ND	(10.3)	[1]	ND	(82.3)	[50]	ND (2.14)
Tetrachloroethene	ND	(8.45)	[1]	ND	(8.57)	[1]	ND	(51.0)	[50]	ND (1.79)
Toluene	ND	(11.2)	[1]	ND	(11.4)	[1]	134	(59.2)	[50]	ND (2.37)
Tribromomethane(Bromoform)	ND	(8.45)	[1]	ND	(8.57)	[1]	ND	(125)	[50]	ND (1.79)
Trichloroethene	ND	(18.0)	[1]	ND	(18.2)	[1]	ND	(78.6)	[50]	ND (3.80)
Vinyl acetate	ND	(53.5)	[1]	ND	(54.3)	[1]	ND	(243)	[50]	ND (11.3)
Vinyl chloride	ND	(14.0)	[1]	ND	(14.2)	[1]	ND	(101)	[50]	ND (2.97)
Xylene (total)	470 X	(25.2)	[1]	101 X	(25.5)	[1]	13500	(125)	[50]	ND (5.33)
cis-1,3-Dichloropropene	ND	(6.71)	[1]	ND	(6.81)	[1]	ND	(27.8)	[50]	ND (1.42)
trans-1,2-Dichloroethene	ND	(10.8)	[1]	ND	(11.0)	[1]	ND	(67.7)	[50]	ND (2.30)
trans-1,3-Dichloropropene	ND X	(7.21)	[1]	ND X	(7.32)	[1]	ND	(81.7)	[50]	ND (1.53)
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.683)	[1]	ND	(0.728)	[1]	ND	(0.652)	[1]	ND (0.625)
1,2-Dichlorobenzene	ND	(0.738)	[1]	ND	(0.786)	[1]	ND	(0.705)	[1]	ND (0.675)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	07-HA-05 07-HA-05-02 Dup of 07-HA-05-02 4 - 5	07-HA-06 07-HA-06-02 6 - 7	07-HA-07 07-HA-07-03 0 - 1				
	LOCATION ID		SAMPLE ID									
	3	3	3	3								
SW8270 - Semivolatile Organics, cont. (mg/kg)												
1,3-Dichlorobenzene	ND	(0.833)	[1]	ND	(0.887)	[1]	ND	(0.795)	[1]	ND	(0.762)	[1]
1,4-Dichlorobenzene	ND	(0.883)	[1]	ND	(0.728)	[1]	ND	(0.652)	[1]	ND	(0.625)	[1]
2,4,5-Trichloropheno	ND	(0.591)	[1]	ND	(0.630)	[1]	ND	(0.565)	[1]	ND	(0.541)	[1]
2,4,6-Trichloropheno	ND	(0.588)	[1]	ND	(0.626)	[1]	ND	(0.561)	[1]	ND	(0.538)	[1]
2,4-Dichloropheno	ND	(0.661)	[1]	ND	(0.704)	[1]	ND	(0.631)	[1]	ND	(0.605)	[1]
2,4-Dimethylpheno	ND	(1.51)	[1]	ND	(1.61)	[1]	ND	(1.44)	[1]	ND	(1.38)	[1]
2,4-Dinitrophenol	ND	(4.86)	[1]	ND	(5.17)	[1]	ND	(4.64)	[1]	ND	(4.44)	[1]
2,4-Dinitrotoluene	ND	(0.687)	[1]	ND	(0.731)	[1]	ND	(0.656)	[1]	ND	(0.628)	[1]
2,6-Dinitrotoluene	ND	(1.00)	[1]	ND	(1.07)	[1]	ND	(0.955)	[1]	ND	(0.915)	[1]
2-Chloronaphthalene	ND	(0.455)	[1]	ND	(0.485)	[1]	ND	(0.435)	[1]	ND	(0.417)	[1]
2-Chloropheno	ND	(0.738)	[1]	ND	(0.786)	[1]	ND	(0.705)	[1]	ND	(0.675)	[1]
2-Methylnaphthalene	39.2	(0.423)	[1]	37.0	(0.450)	[1]	57.9	(0.404)	[1]	ND	(0.387)	[1]
2-Methylpheno (o-creso)	ND	(0.360)	[1]	ND	(0.384)	[1]	ND	(0.344)	[1]	ND	(0.330)	[1]
2-Nitroaniline	ND	(0.770)	[1]	ND	(0.821)	[1]	ND	(0.736)	[1]	ND	(0.705)	[1]
2-Nitrophenol	ND	(0.606)	[1]	ND	(0.646)	[1]	ND	(0.579)	[1]	ND	(0.555)	[1]
3,3'-Dichlorobenzidine	ND	(0.387)	[1]	ND	(0.412)	[1]	ND	(0.369)	[1]	ND	(0.354)	[1]
3-Nitroaniline	ND	(0.457)	[1]	ND	(0.486)	[1]	ND	(0.436)	[1]	ND	(0.418)	[1]
4,6-Dinitro-2-methylpheno	ND	(0.500)	[1]	ND	(0.532)	[1]	ND	(0.477)	[1]	ND	(0.457)	[1]
4-Bromophenyl phenyl ether	ND	(0.562)	[1]	ND	(0.599)	[1]	ND	(0.537)	[1]	ND	(0.515)	[1]
4-Chloro-3-methylpheno	ND	(0.598)	[1]	ND	(0.637)	[1]	ND	(0.571)	[1]	ND	(0.548)	[1]
4-Chloroaniline	ND	(0.866)	[1]	ND	(0.922)	[1]	ND	(0.827)	[1]	ND	(0.792)	[1]
4-Chlorophenyl phenyl ether	ND	(0.489)	[1]	ND	(0.521)	[1]	ND	(0.467)	[1]	ND	(0.448)	[1]
4-Methylpheno(p-creso)	ND	(0.533)	[1]	ND	(0.568)	[1]	ND	(0.509)	[1]	ND	(0.488)	[1]
4-Nitroaniline	ND	(0.704)	[1]	ND	(0.750)	[1]	ND	(0.672)	[1]	ND	(0.644)	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
3												
07-HA-05												
07-HA-05-02												
4 - 5												
3												
07-HA-06												
07-HA-06-02												
6 - 7												
0 - 1												
PARAMETER	3	3	3	3	3	3	3	3	3	3	3	
SW8270 - Semivolatile Organics, cont. (mg/kg)	ND	(1.09)	[1]	ND	(1.16)	[1]	ND	(1.04)	[1]	ND	(0.996)	[1]
4-Nitrophenol	0.832	(0.316)	[1]	ND	(0.337)	[1]	1.59	(0.302)	[1]	ND	(0.289)	[1]
Acenaphthene	ND	(0.486)	[1]	ND	(0.517)	[1]	ND	(0.464)	[1]	ND	(0.444)	[1]
Acenaphthylene	ND	(0.428)	[1]	ND	(0.455)	[1]	ND	(0.408)	[1]	ND	(0.391)	[1]
Anthracene	ND	(0.522)	[1]	ND	(0.556)	[1]	ND	(0.498)	[1]	ND	(0.477)	[1]
Benzo(a)anthracene	ND	(0.602)	[1]	ND	(0.641)	[1]	ND	(0.575)	[1]	ND	(0.551)	[1]
Benzo(a)pyrene	ND	(1.05)	[1]	ND	(1.12)	[1]	ND	(1.01)	[1]	ND	(0.965)	[1]
Benzo(b)fluoranthene	ND	(1.19)	[1]	ND	(1.26)	[1]	ND	(1.13)	[1]	ND	(1.08)	[1]
Benzo(g,h,i)perylene	ND	(1.16)	[1]	ND	(1.24)	[1]	ND	(1.11)	[1]	ND	(1.06)	[1]
Benzo(k)fluoranthene	ND	(44.8)	[1]	ND	(47.8)	[1]	ND	(42.8)	[1]	ND	(41.0)	[1]
Benzoic acid	ND	(0.709)	[1]	ND	(0.755)	[1]	ND	(0.677)	[1]	ND	(0.649)	[1]
Benzy alcohol	ND	(0.726)	[1]	ND	(0.774)	[1]	ND	(0.693)	[1]	ND	(0.665)	[1]
Butylbenzylphthalate	ND	(0.624)	[1]	ND	(0.665)	[1]	ND	(0.596)	[1]	ND	(0.571)	[1]
Chrysene	ND	(0.376)	[1]	ND	(0.401)	[1]	ND	(0.359)	[1]	ND	(0.344)	[1]
Di-n-butylphthalate	ND	(0.409)	[1]	ND	(0.436)	[1]	ND	(0.391)	[1]	ND	(0.374)	[1]
Di-n-octylphthalate	ND	(0.942)	[1]	ND	(1.00)	[1]	ND	(0.900)	[1]	ND	(0.862)	[1]
Dibenz(a,h)anthracene	0.896	(0.624)	[1]	ND	(0.665)	[1]	0.797	(0.596)	[1]	ND	(0.571)	[1]
Dibenzofuran	ND	(0.598)	[1]	ND	(0.637)	[1]	ND	(0.571)	[1]	ND	(0.548)	[1]
Diethylphthalate	ND	(0.390)	[1]	ND	(0.416)	[1]	ND	(0.373)	[1]	ND	(0.357)	[1]
Dimethylphthalate	ND	(0.313)	[1]	ND	(0.333)	[1]	ND	(0.298)	[1]	ND	(0.286)	[1]
Diphenylamine/N-NitrosodPA	ND	(0.547)	[1]	ND	(0.583)	[1]	ND	(0.523)	[1]	ND	(0.501)	[1]
Fluoranthene	1.41	(0.441)	[1]	1.40	(0.470)	[1]	1.38	(0.422)	[1]	ND	(0.404)	[1]
Fluorene	ND	(0.365)	[1]	ND	(0.389)	[1]	ND	(0.348)	[1]	ND	(0.334)	[1]
Hexachlorobenzene	ND	(0.595)	[1]	ND	(0.634)	[1]	ND	(0.568)	[1]	ND	(0.544)	[1]
Hexachlorobutadiene												

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)												
	LOCATION ID				SAMPLE ID												
SW8270 - Semivolatile Organics, cont. (mg/kg)																	
Hexachlorocyclopentadiene	ND	(	6.84	[1]	ND	(	7.29	[1]	ND	(	6.53	[1]	ND	(	6.26	[1]
Hexachloroethane	ND	(	0.738	[1]	ND	(	0.786	[1]	ND	(	0.705	[1]	ND	(	0.675	[1]
Indeno(1,2,3-cd)pyrene	ND	(	1.55	[1]	ND	(	1.65	[1]	ND	(	1.48	[1]	ND	(	1.41	[1]
Isophorone	ND	(	0.716	[1]	ND	(	0.762	[1]	ND	(	0.683	[1]	ND	(	0.655	[1]
N-Nitroso-di-n-propylamine	ND	(	0.760	[1]	ND	(	0.809	[1]	ND	(	0.726	[1]	ND	(	0.695	[1]
Naphthalene	12.9	(	0.555	[1]	12.5	(	0.592	[1]	18.1	(	0.530	[1]	ND	(	0.508	[1]
Nitrobenzene	ND	(	0.978	[1]	ND	(	1.04	[1]	ND	(	0.934	[1]	ND	(	0.895	[1]
Pentachloropheno]	ND	(	1.03	[1]	ND	(	1.10	[1]	ND	(	0.986	[1]	ND	(	0.945	[1]
Phenanthrene	0.367 J	(	0.544	[1]	0.379 J	(	0.579	[1]	0.507 J	(	0.519	[1]	ND	(	0.498	[1]
Phenol	ND	(	1.03	[1]	ND	(	1.09	[1]	ND	(	0.980	[1]	ND	(	0.939	[1]
Pyrene	ND	(	0.474	[1]	ND	(	0.505	[1]	ND	(	0.453	[1]	ND	(	0.434	[1]
bis(2-Chloroethoxy)methane	ND	(	0.704	[1]	ND	(	0.750	[1]	ND	(	0.672	[1]	ND	(	0.644	[1]
bis(2-Chloroethyl) ether	ND	(	0.445	[1]	ND	(	0.474	[1]	ND	(	0.425	[1]	ND	(	0.407	[1]
bis(2-Chloroisopropyl) ether	ND	(	0.927	[1]	ND	(	0.988	[1]	ND	(	0.885	[1]	ND	(	0.848	[1]
bis(2-Ethylhexyl) phthalate	ND	(0.675	[1]	ND	(0.719	[1]	ND	(0.645	[1]	ND	(0.618	[1]	
-----									-----								
3									3								
07-HA-05									07-HA-06								
07-HA-05-02									07-HA-06-02								
4 - 5									6 - 7								
4 - 5									0 - 1								

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
Diesel Range Organics (mg/kg)	3500	(	20.0)	[1]	13.0	JB	(	20.0)	[1]	17000
Diesel Range Organics	NA	(	20.0)	[1]	5.00	J	(	10.0)	[1]	1300
Gasoline Range Organics (mg/kg)	NA	(	20.0)	[1]	20.9	(	0.00)	[1]	[1]	29.0
Percent Solid (percent)	NA	(	20.0)	[1]	ND	(	12.2)	[1]	[1]	ND
Percent moisture	NA	(	20.0)	[1]	ND	(	26.2)	[1]	[1]	ND
SW8240 - Volatile Organics (ug/kg)	NA	(	20.0)	[1]	ND	(	5.74)	[1]	[1]	ND
1,1,1-Trichloroethane	NA	(	20.0)	[1]	ND	(	13.3)	[1]	[1]	ND
1,1,2,2-Tetrachloroethane	NA	(	20.0)	[1]	ND	(	13.9)	[1]	[1]	ND
1,1,2-Trichloroethane	NA	(	20.0)	[1]	ND	(	7.47)	[1]	[1]	ND
1,1-Dichloroethane	NA	(	20.0)	[1]	ND	(	6.08)	[1]	[1]	ND
1,1-Dichloroethane	NA	(	20.0)	[1]	ND	(	41.3)	[1]	[1]	ND
1,2-Dichloroethane	NA	(	20.0)	[1]	ND	(	13.3)	[1]	[1]	ND
1,2-Dichloropropane	NA	(	20.0)	[1]	ND	(	33.0)	[1]	[1]	ND
2-Butanone(MEK)	NA	(	20.0)	[1]	ND	(	14.7)	[1]	[1]	ND
2-Chloroethyl vinyl ether	NA	(	20.0)	[1]	ND	(	85.7)	[1]	[1]	ND
2-Hexanone	NA	(	20.0)	[1]	ND	(	5.85)	[1]	[1]	ND
4-Methyl-2-pentanone(MIBK)	NA	(	20.0)	[1]	ND	(	6.72)	[1]	[1]	ND
Acetone	NA	(	20.0)	[1]	ND	(	13.8)	[1]	[1]	ND
Benzene	NA	(	20.0)	[1]	ND	(	15.5)	[1]	[1]	ND
Bromodichloromethane	NA	(20.0)	[1]	ND	(
Bromomethane	NA	(20.0)	[1]	ND	(
Carbon disulfide	NA	(20.0)	[1]	ND	(

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID				
	SAMPLE ID				
	3	3	3	3	
	07-HA-08	07-HA-09	07-HA-10	07-HA-11	
	07-HA-08-03	07-HA-09-03	07-HA-10-01	07-HA-11-01	
	4 - 5	8 - 9	0.5 - 1	0.5 - 1	
SW8270 - Semivolatile Organics, cont. (mg/kg)					
2,4,5-Trichloropheno]	NA	ND (0.527)	[1]	ND (0.717)	ND (0.793)
2,4,6-Trichloropheno]	NA	ND (0.524)	[1]	ND (0.713)	ND (0.789)
2,4-Dichloropheno]	NA	ND (0.590)	[1]	ND (0.801)	ND (0.887)
2,4-Dimethylpheno]	NA	ND (1.35)	[1]	ND (1.83)	ND (2.03)
2,4-Dinitrophenol	NA	ND (4.33)	[1]	ND (5.89)	ND (6.52)
2,4-Dinitrotoluene	NA	ND (0.612)	[1]	ND (0.832)	ND (0.921)
2,6-Dinitrotoluene	NA	ND (0.892)	[1]	ND (1.21)	ND (1.34)
2-Chloronaphthalene	NA	ND (0.406)	[1]	ND (0.552)	ND (0.611)
2-Chloropheno]	NA	ND (0.658)	[1]	ND (0.894)	ND (0.990)
2-Methylnaphthalene	NA	ND (0.377)	[1]	227 EX (0.513)	228 (0.567)
2-Methylpheno] (o-cresol)	NA	ND (0.321)	[1]	ND (0.437)	ND (0.483)
2-Nitroaniline	NA	ND (0.687)	[1]	ND (0.934)	ND (1.03)
2-Nitrophenol	NA	ND (0.541)	[1]	ND (0.735)	ND (0.814)
3,3'-Dichlorobenzidine	NA	ND (0.345)	[1]	ND (0.469)	ND (0.519)
3-Nitroaniline	NA	ND (0.407)	[1]	ND (0.554)	ND (0.613)
4,6-Dinitro-2-methylpheno]	NA	ND (0.446)	[1]	ND (0.606)	ND (0.670)
4-Bromophenyl phenyl ether	NA	ND (0.502)	[1]	ND (0.682)	ND (0.754)
4-Chloro-3-methylpheno]	NA	ND (0.534)	[1]	ND (0.725)	ND (0.803)
4-Chloroaniline	NA	ND (0.772)	[1]	ND (1.05)	ND (1.16)
4-Chlorophenyl phenyl ether	NA	ND (0.436)	[1]	ND (0.593)	ND (0.656)
4-Methylpheno] (p-cresol)	NA	ND (0.476)	[1]	ND (0.646)	ND (0.715)
4-Nitroaniline	NA	ND (0.628)	[1]	ND (0.854)	ND (0.945)
4-Nitrophenol	NA	ND (0.971)	[1]	ND (1.32)	ND (1.46)
Acenaphthene	NA	ND (0.282)	[1]	3.76 (0.383)	3.29 (0.424)
Acenaphthylene	NA	ND (0.433)	[1]	ND (0.589)	ND (0.652)

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	3			3			3					
	07-HA-08			07-HA-09			07-HA-10			07-HA-11		
	07-HA-08-03			07-HA-09-03			07-HA-10-01			07-HA-11-01		
4 - 5			8 - 9			0.5 - 1			0.5 - 1			
BEG. DEPTH - END DEPTH (FT.)												
SAMPLE ID												
LOCATION ID												
SITE ID												
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Anthracene	NA	ND	(	0.381)	[1]	ND	(	0.518)	[1]	ND	(	0.574)
Benzo(a)anthracene	NA	ND	(	0.465)	[1]	ND	(	0.632)	[1]	ND	(	0.700)
Benzo(a)pyrene	NA	ND	(	0.537)	[1]	ND	(	0.730)	[1]	ND	(	0.807)
Benzo(b)fluoranthene	NA	ND	(	0.941)	[1]	ND	(	1.28)	[1]	ND	(	1.42)
Benzo(g,h,i)perylene	NA	ND	(	1.06)	[1]	ND	(	1.44)	[1]	ND	(	1.59)
Benzo(k)fluoranthene	NA	ND	(	1.04)	[1]	ND	(	1.41)	[1]	ND	(	1.56)
Benzoic acid	NA	ND	(	40.0)	[1]	ND	(	54.4)	[1]	ND	(	60.2)
Benzyl alcohol	NA	ND	(	0.632)	[1]	ND	(	0.859)	[1]	ND	(	0.951)
Butylbenzylphthalate	NA	ND	(	0.648)	[1]	ND	(	0.880)	[1]	ND	(	0.974)
Chrysene	NA	ND	(	0.556)	[1]	ND	(	0.756)	[1]	ND	(	0.837)
Di-n-butylphthalate	NA	ND	(	0.336)	[1]	ND	(	0.456)	[1]	ND	(	0.505)
Di-n-octylphthalate	NA	ND	(	0.365)	[1]	ND	(	0.496)	[1]	ND	(	0.549)
Dibenz(a,h)anthracene	NA	ND	(	0.840)	[1]	ND	(	1.14)	[1]	ND	(	1.26)
Dibenzofuran	NA	ND	(	0.556)	[1]	1.51	(	0.756)	[1]	1.24	(	0.837)
Diethylphthalate	NA	ND	(	0.534)	[1]	ND	(	0.725)	[1]	ND	(	0.803)
Dimethylphthalate	NA	ND	(	0.348)	[1]	ND	(	0.473)	[1]	ND	(	0.524)
Diphenylamine/N-NitrosodPA	NA	ND	(	0.279)	[1]	ND	(	0.379)	[1]	ND	(	0.419)
Fluoranthene	NA	ND	(	0.488)	[1]	ND	(	0.663)	[1]	ND	(	0.734)
Fluorene	NA	ND	(	0.394)	[1]	3.59	(	0.535)	[1]	2.42	(	0.592)
Hexachlorobenzene	NA	ND	(	0.325)	[1]	ND	(	0.442)	[1]	ND	(	0.489)
Hexachlorobutadiene	NA	ND	(	0.531)	[1]	ND	(	0.721)	[1]	ND	(	0.798)
Hexachlorocyclopentadiene	NA	ND	(	6.10)	[1]	ND	(	8.30)	[1]	ND	(	9.18)
Hexachloroethane	NA	ND	(	0.658)	[1]	ND	(	0.894)	[1]	ND	(	0.990)
Indeno(1,2,3-cd)pyrene	NA	ND	(1.38)	[1]	ND	(1.87)	[1]	ND	(2.07)
Isophorone	NA	ND	(0.638)	[1]	ND	(0.868)	[1]	ND	(0.960)

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() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID			BEG. DEPTH - END DEPTH (FT.)		
	3			3			3			3		
	07-HA-08			07-HA-09			07-HA-10			07-HA-11		
	4 - 5			8 - 9			0.5 - 1			0.5 - 1		
SW8270 - Semivolatile Organics, cont. (mg/kg)												
N-Nitroso-di-n-propylamine	NA	ND	(0.678)	[1]	ND	(0.921)	[1]	ND	(0.921)	[1]	ND	(1.02)
Naphthalene	NA	ND	(0.495)	[1]	46.7	(0.673)	[1]	89.1	(0.673)	[1]	89.1	(0.745)
Nitrobenzene	NA	ND	(0.873)	[1]	ND	(1.19)	[1]	ND	(1.19)	[1]	ND	(1.31)
Pentachloropheno]	NA	ND	(0.921)	[1]	ND	(1.25)	[1]	ND	(1.25)	[1]	ND	(1.39)
Phenanthrene	NA	ND	(0.485)	[1]	1.14	(0.659)	[1]	0.720 J	(0.659)	[1]	0.720 J	(0.729)
Pheno]	NA	ND	(0.915)	[1]	ND	(1.24)	[1]	ND	(1.24)	[1]	ND	(1.38)
Pyrene	NA	ND	(0.423)	[1]	ND	(0.575)	[1]	ND	(0.575)	[1]	ND	(0.636)
bis(2-Chloroethoxy)methane	NA	ND	(0.628)	[1]	ND	(0.854)	[1]	ND	(0.854)	[1]	ND	(0.945)
bis(2-Chloroethyl)ether	NA	ND	(0.397)	[1]	ND	(0.539)	[1]	ND	(0.539)	[1]	ND	(0.597)
bis(2-Chloroisopropyl)ether	NA	ND	(0.827)	[1]	ND	(1.12)	[1]	ND	(1.12)	[1]	ND	(1.24)
bis(2-Ethylhexyl)phthalate	NA	ND	(0.602)	[1]	ND	(0.818)	[1]	ND	(0.818)	[1]	ND	(0.906)

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	LOCATION ID																	
	SAMPLE ID																	
	BEG. DEPTH - END DEPTH (FT.)																	
	3				3				3				3					
	07-HA-12				07-SD-03				07-SD-03				07-SD-04					
	07-HA-12-01				07-SD-03-01				07-SD-03-DS-01 Dup of				07-SD-04-01					
	0.5 - 1				0 - 0.5				07-SD-03-01				0 - 0.5					
	0.5 - 1				0 - 0.5				0 - 0.5				0 - 0.5					
Diesel Range Organics (mg/kg)																		
Diesel Range Organics	170	(	20.0)	[1]	7200	(	20.0)	[25]	6800	(	20.0)	[25]	75000	(	20.0)	[25]
Gasoline Range Organics (mg/kg)																		
Gasoline Range Organics	0.00	JB	(10.0)	[1]	59.0	(10.0)	[5]	57.0	(10.0)	[5]	110	(10.0)	[5]	
Percent Solid (percent)																		
Percent moisture	50.5	(	0.00)	[1]	24.5	(	0.00)	[1]	24.5	(	0.00)	[1]	73.4	(	0.00)	[1]
SW8240 - Volatile Organics (ug/kg)																		
1,1,1-Trichloroethane	ND	(	4.22)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,1,2,2-Tetrachloroethane	ND	X	(9.04)	[1]	ND	(200)	[1]	ND	(100)	[1]	ND	(400)	[1]	
1,1,2-Trichloroethane	ND	X	(1.98)	[1]	ND	(200)	[1]	ND	(100)	[1]	ND	(400)	[1]	
1,1-Dichloroethane	ND	(	4.60)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,1-Dichloroethene	ND	(	4.80)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,2-Dichloroethane	ND	(	2.58)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,2-Dichloropropane	ND	(	2.10)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
2-Butanone(MEK)	13.5	JB	(14.2)	[1]	470	JB	(800)	[1]	ND	(700)	[1]	ND	(2100)	[1]
2-Chloroethyl vinyl ether	ND	(	4.60)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
2-Hexanone	ND	X	(11.4)	[1]	ND	(800)	[1]	ND	(700)	[1]	ND	(2100)	[1]	
4-Methyl-2-pentanone(MIBK)	ND	(	5.08)	[1]	ND	(	800)	[1]	ND	(	700)	[1]	ND	(	2100)	[1]
Acetone	22.7	JB	(29.6)	[1]	500	J	(3000)	[1]	ND	(3000)	[1]	ND	(8000)	[1]
Benzene	ND	(	2.02)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
Bromodichloromethane	ND	(	2.32)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
Bromomethane	ND	(	4.78)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												
SW8240 - Volatile Organics, cont. (ug/kg)	3			3			3			3		
	07-HA-12	07-HA-12-01	0.5 - 1	07-SD-03	07-SD-03-01	0 - 0.5	07-SD-03	07-SD-03-01 Dup of	07-SD-04	07-SD-04-01	0 - 0.5	
Carbon disulfide	ND	(	5.36)	[1]	ND	(	300)	[1]	ND	(	800)	[1]
Carbon tetrachloride	ND	(	2.76)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Chlorobenzene	ND X	(	2.22)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Chloroethane	ND	(	3.80)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Chloroform	ND	(	3.16)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Chloromethane	ND	(	10.8)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Dibromochloromethane	ND X	(	2.54)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Ethylbenzene	ND X	(	1.94)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Methylene chloride	11.0 B	(	4.20)	[1]	200	(	200)	[1]	ND	(	400)	[1]
Styrene	ND X	(	3.62)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Tetrachloroethene	ND X	(	3.02)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Toluene	ND	(	4.00)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Tribromomethane(Bromoform)	ND X	(	3.02)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Trichloroethene	ND	(	6.42)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Vinyl acetate	ND	(	19.1)	[1]	ND	(	2000)	[1]	ND	(	4000)	[1]
Vinyl chloride	ND	(	5.02)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
Xylene (total)	ND X	(	9.00)	[1]	NA	(	200)	[1]	NA	(	400)	[1]
cis-1,2-Dichloroethene	NA	(			ND	(	200)	[1]	ND	(	400)	[1]
cis-1,3-Dichloropropene	ND	(	2.40)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
m & p-Xylene	NA	(			ND	(	500)	[1]	ND	(	1200)	[1]
o-Xylene	NA	(			ND	(	300)	[1]	ND	(	800)	[1]
trans-1,2-Dichloroethene	ND	(	3.88)	[1]	ND	(	200)	[1]	ND	(	400)	[1]
trans-1,3-Dichloropropene	ND X	(2.58)	[1]	ND	(200)	[1]	ND	(400)	[1]

Compiled: 17 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)												
SW8270 - Semivolatile Organics (mg/kg)	3		3		3		3		3		3						
	07-HA-12		07-SD-03		07-SD-03		07-SD-03		07-SD-04		07-SD-04						
	07-HA-12-01		07-SD-03-01		07-SD-03-01		07-SD-03-01 Dup of		07-SD-04-01		07-SD-04-01						
	0.5 - 1		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5						
	1,2,4-Trichlorobenzene	ND	(	1.14)	[1]	ND	(	0.675)	[1]	ND	(	0.746)	[1]	ND	(	1.93)	[1]
	1,2-Dichlorobenzene	ND	(	1.23)	[1]	ND	(	0.889)	[1]	ND	(	0.983)	[1]	ND	(	2.55)	[1]
	1,3-Dichlorobenzene	ND	(	1.39)	[1]	ND	(	0.452)	[1]	ND	(	0.500)	[1]	ND	(	1.29)	[1]
	1,4-Dichlorobenzene	ND	(	1.14)	[1]	ND	(	0.923)	[1]	ND	(	1.02)	[1]	ND	(	2.64)	[1]
	2,4,5-Trichlorophenol	ND	(	0.989)	[1]	ND	(	0.377)	[1]	ND	(	0.416)	[1]	ND	(	1.08)	[1]
	2,4,6-Trichlorophenol	ND	(	0.983)	[1]	ND	(	0.398)	[1]	ND	(	0.440)	[1]	ND	(	1.14)	[1]
	2,4-Dichlorophenol	ND	(	1.11)	[1]	ND	(	0.506)	[1]	ND	(	0.559)	[1]	ND	(	1.45)	[1]
	2,4-Dimethylphenol	ND	(	2.53)	[1]	ND	(	1.26)	[1]	ND	(	1.39)	[1]	ND	(	3.60)	[1]
	2,4-Dinitrophenol	ND	(	8.12)	[1]	ND	(	7.99)	[1]	ND	(	8.83)	[1]	ND	(	22.9)	[1]
	2,4-Dinitrotoluene	ND	(	1.15)	[1]	ND	(	0.628)	[1]	ND	(	0.694)	[1]	ND	(	1.80)	[1]
	2,6-Dinitrotoluene	ND	(	1.67)	[1]	ND	(	0.395)	[1]	ND	(	0.436)	[1]	ND	(	1.13)	[1]
	2-Chloronaphthalene	ND	(	0.761)	[1]	ND	(	0.370)	[1]	ND	(	0.409)	[1]	ND	(	1.06)	[1]
	2-Chlorophenol	ND	(	1.23)	[1]	ND	(	0.872)	[1]	ND	(	0.964)	[1]	ND	(	2.50)	[1]
	2-Methylnaphthalene	ND	(	0.707)	[1]	ND	(	0.754)	[1]	ND	(	0.833)	[1]	ND	(	2.16)	[1]
	2-Methylphenol (o-cresol)	ND	(	0.602)	[1]	ND	(	0.610)	[1]	ND	(	0.674)	[1]	ND	(	1.75)	[1]
	2-Nitroaniline	ND	(	1.29)	[1]	ND	(	0.459)	[1]	ND	(	0.507)	[1]	ND	(	1.31)	[1]
2-Nitrophenol	ND	(	1.01)	[1]	ND	(	0.502)	[1]	ND	(	0.555)	[1]	ND	(	1.44)	[1]	
3,3'-Dichlorobenzidine	ND	(	0.647)	[1]	ND	(	0.559)	[1]	ND	(	0.618)	[1]	ND	(	1.60)	[1]	
3-Nitroaniline	ND	(	0.763)	[1]	ND	(	0.581)	[1]	ND	(	0.642)	[1]	ND	(	1.66)	[1]	
4,6-Dinitro-2-methylphenol	ND	(	0.835)	[1]	ND	(	0.904)	[1]	ND	(	0.999)	[1]	ND	(	2.59)	[1]	
4-Bromophenyl phenyl ether	ND	(	0.940)	[1]	ND	(	0.521)	[1]	ND	(	0.575)	[1]	ND	(	1.49)	[1]	
4-Chloro-3-methylphenol	ND	(	1.00)	[1]	ND	(	0.826)	[1]	ND	(	0.912)	[1]	ND	(	2.36)	[1]	
4-Chloroaniline	ND	(1.45)	[1]	ND	(0.638)	[1]	ND	(0.705)	[1]	ND	(1.83)	[1]	
4-Chlorophenyl phenyl ether	ND	(0.818)	[1]	ND	(0.603)	[1]	ND	(0.666)	[1]	ND	(1.73)	[1]	

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID				SAMPLE ID							
SW8270 - Semivolatile Organics, cont. (mg/kg)	3	3	3	3	3	3	3	3				
	07-HA-12	07-HA-12-01	07-HA-12	07-HA-12-01	07-HA-12	07-HA-12-01	07-HA-12	07-HA-12-01				
4-Methylphenol(p-cresol)	ND	(0.892)	[1]	ND	(0.657)	[1]	ND	(0.725)	[1]	ND	(1.88)	[1]
4-Nitroaniline	ND	(1.18)	[1]	ND	(0.553)	[1]	ND	(0.611)	[1]	ND	(1.58)	[1]
4-Nitrophenol	ND	(1.82)	[1]	ND	(0.789)	[1]	ND	(0.872)	[1]	ND	(2.26)	[1]
Acenaphthene	ND	(0.528)	[1]	ND	(0.546)	[1]	ND	(0.603)	[1]	ND	(1.56)	[1]
Acenaphthylene	ND	(0.812)	[1]	ND	(0.258)	[1]	ND	(0.285)	[1]	ND	(0.739)	[1]
Anthracene	ND	(0.715)	[1]	ND	(0.663)	[1]	ND	(0.733)	[1]	ND	(1.90)	[1]
Benzo(a)anthracene	ND	(0.872)	[1]	ND	(0.588)	[1]	ND	(0.650)	[1]	ND	(1.68)	[1]
Benzo(a)pyrene	ND	(1.01)	[1]	ND	(0.437)	[1]	ND	(0.483)	[1]	ND	(1.25)	[1]
Benzo(b)fluoranthene	ND	(1.76)	[1]	ND	(0.650)	[1]	ND	(0.718)	[1]	ND	(1.86)	[1]
Benzo(g,h,i)perylene	ND	(1.98)	[1]	ND	(0.556)	[1]	ND	(0.614)	[1]	ND	(1.59)	[1]
Benzo(k)fluoranthene	ND	(1.94)	[1]	ND	(1.11)	[1]	ND	(1.22)	[1]	ND	(3.16)	[1]
Benzoic acid	ND	(75.0)	[1]	ND	(4.52)	[1]	ND	(5.00)	[1]	ND	(12.9)	[1]
Benzyl alcohol	ND	(1.18)	[1]	ND	(1.23)	[1]	ND	(1.36)	[1]	ND	(3.53)	[1]
Butylbenzylphthalate	ND	(1.21)	[1]	ND	(0.449)	[1]	ND	(0.496)	[1]	ND	(1.28)	[1]
Chrysene	ND	(1.04)	[1]	ND	(0.764)	[1]	ND	(0.844)	[1]	ND	(2.19)	[1]
Di-n-butylphthalate	ND	(0.629)	[1]	ND	(0.563)	[1]	ND	(0.622)	[1]	ND	(1.61)	[1]
Di-n-octylphthalate	ND	(0.684)	[1]	ND	(1.04)	[1]	ND	(1.15)	[1]	ND	(2.98)	[1]
Dibenz(a,h)anthracene	ND	(1.58)	[1]	ND	(0.541)	[1]	ND	(0.598)	[1]	ND	(1.55)	[1]
Dibenzofuran	ND	(1.04)	[1]	ND	(0.466)	[1]	ND	(0.515)	[1]	ND	(1.33)	[1]
Diethylphthalate	ND	(1.00)	[1]	ND	(0.384)	[1]	ND	(0.424)	[1]	ND	(1.10)	[1]
Dimethylphthalate	ND	(0.653)	[1]	ND	(0.320)	[1]	ND	(0.353)	[1]	ND	(0.915)	[1]
Diphenylamine/N-NitrosodPA	ND	(0.523)	[1]	ND	(0.646)	[1]	ND	(0.714)	[1]	ND	(1.85)	[1]
Fluoranthene	ND	(0.915)	[1]	ND	(0.728)	[1]	ND	(0.805)	[1]	ND	(2.09)	[1]
Fluorene	ND	(0.738)	[1]	ND	(0.384)	[1]	ND	(0.424)	[1]	ND	(1.10)	[1]

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID				
LOCATION ID				
SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)				
PARAMETER	3			
	07-HA-12 07-HA-12-01	07-SD-03 07-SD-03-01	07-SD-03 07-SD-03-DS-01 Dup of 07-SD-03-01	07-SD-04 07-SD-04-01
	0.5 - 1	0 - 0.5	0 - 0.5	0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)				
Hexachlorobenzene	ND (0.610) [1]	ND (0.267) [1]	ND (0.295) [1]	ND (0.765) [1]
Hexachlorobutadiene	ND (0.995) [1]	ND (0.797) [1]	ND (0.880) [1]	ND (2.28) [1]
Hexachlorocyclopentadiene	ND (11.4) [1]	ND (10.2) [1]	ND (11.3) [1]	ND (29.2) [1]
Hexachloroethane	ND (1.23) [1]	ND (0.678) [1]	ND (0.749) [1]	ND (1.94) [1]
Indeno(1,2,3-cd)pyrene	ND (2.58) [1]	ND (0.599) [1]	ND (0.662) [1]	ND (1.72) [1]
Isophorone	ND (1.20) [1]	ND (0.328) [1]	ND (0.362) [1]	ND (0.938) [1]
N-Nitroso-di-n-propylamine	ND (1.27) [1]	ND (0.858) [1]	ND (0.947) [1]	ND (2.46) [1]
Naphthalene	ND (0.929) [1]	ND (0.832) [1]	0.568 J (0.920) [1]	ND (2.38) [1]
Nitrobenzene	ND (1.64) [1]	ND (0.603) [1]	ND (0.666) [1]	ND (1.73) [1]
Pentachlorophenol	ND (1.73) [1]	ND (0.987) [1]	ND (1.09) [1]	ND (2.82) [1]
Phenanthrene	ND (0.909) [1]	0.208 J (0.710) [1]	ND (0.785) [1]	ND (2.03) [1]
Phenol	ND (1.72) [1]	ND (0.456) [1]	ND (0.503) [1]	ND (1.30) [1]
Pyrene	ND (0.793) [1]	0.140 J (0.534) [1]	ND (0.590) [1]	ND (1.53) [1]
bis(2-Chloroethoxy)methane	ND (1.18) [1]	ND (0.642) [1]	ND (0.709) [1]	ND (1.84) [1]
bis(2-Chloroethyl)ether	ND (0.744) [1]	ND (0.836) [1]	ND (0.923) [1]	ND (2.39) [1]
bis(2-Chloroisopropyl)ether	ND (1.55) [1]	ND (0.829) [1]	ND (- 0.916) [1]	ND (2.37) [1]
bis(2-Ethylhexyl)phthalate	ND (1.13) [1]	0.466 J (2.09) [1]	ND (2.31) [1]	1.22 J (5.98) [1]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	3	07-SD-05	3	07-SD-06	3	07-SD-07	3	07-SS-06				
		07-SD-05-01		07-SD-06-01		07-SD-07-01		07-SS-06-01				
		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5				

Diesel Range Organics (mg/kg)												
Diesel Range Organics	760	(	20.0)	[1]	9.00 JB	(	20.0)	[1]	640	(	20.0)	[10] NA
Gasoline Range Organics (mg/kg)												
Gasoline Range Organics	88.0	(	10.0)	[10]	0.00 JB	(	10.0)	[1]	9.00 J	(	10.0)	[1] NA
Percent Solid (percent)												
Percent moisture	70.0	(	0.00)	[1]	70.3	(	0.00)	[1]	41.8	(	0.00)	[1] 25.8 (0.00) [1]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
1,1,2,2-Tetrachloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
1,1,2-Trichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
1,1-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
1,1-Dichloroethene	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
1,2-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
1,2-Dichloropropane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
2-Butanone(MEK)	ND	(	1600)	[1]	ND	(	2200)	[1]	ND	(	800)	[1] NA
2-Chloroethyl vinyl ether	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
2-Hexanone	ND	(	1600)	[1]	ND	(	2200)	[1]	ND	(	800)	[1] NA
4-Methyl-2-pentanone(MIBK)	ND	(	1600)	[1]	ND	(	2200)	[1]	ND	(	800)	[1] NA
Acetone	ND	(	6000)	[1]	ND	(	9000)	[1]	ND	(	3000)	[1] NA
Benzene	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
Bromodichloromethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
Bromomethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1] NA
Carbon disulfide	ND	(	600)	[1]	ND	(	900)	[1]	ND	(	300)	[1] NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	3	3	3	3
SW8240 - Volatile Organics, cont. (ug/kg)	07-SD-05	07-SD-06	07-SD-07	07-SS-06
	07-SD-05-01	07-SD-06-01	07-SD-07-01	07-SS-06-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Carbon tetrachloride	(300)	(400)	(200)	NA
Chlorobenzene	(300)	(400)	(200)	NA
Chloroethane	(300)	(400)	(200)	NA
Chloroform	(300)	(400)	(200)	NA
Chloromethane	(300)	(400)	(200)	NA
Dibromochloromethane	(300)	(400)	(200)	NA
Ethylbenzene	(300)	(400)	(200)	NA
Methylene chloride	(300)	(400)	(200)	NA
Styrene	440 (300)	520 (400)	220 (200)	NA
Tetrachloroethene	(300)	(400)	(200)	NA
Toluene	(300)	(400)	(200)	NA
Tribromomethane(Bromoform)	(300)	(400)	(200)	NA
Trichloroethene	(300)	(400)	(200)	NA
Vinyl acetate	(3000)	(4000)	(2000)	NA
Vinyl chloride	(300)	(400)	(200)	NA
cis-1,2-Dichloroethene	(300)	(400)	(200)	NA
cis-1,3-Dichloropropene	(300)	(400)	(200)	NA
m & p-Xylene	(900)	(1300)	(500)	NA
o-Xylene	(600)	(900)	(300)	NA
trans-1,2-Dichloroethene	(300)	(400)	(200)	NA
trans-1,3-Dichloropropene	(300)	(400)	(200)	NA
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	(0.195)	(0.0659)	(0.883)	NA
1,2-Dichlorobenzene	(0.258)	(0.0869)	(1.16)	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
PARAMETER	3	3	3	3	3	3
	07-SD-05	07-SD-06	07-SD-07	07-SS-06	07-SS-06-01	0 - 0.5
	07-SD-05-01	07-SD-06-01	07-SD-07-01	07-SS-06-01	07-SS-06-01	0 - 0.5
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,3-Dichlorobenzene	ND	(0.131)	[1]	ND	(0.0442)	[1]
1,4-Dichlorobenzene	ND	(0.267)	[1]	ND	(0.0901)	[1]
2,4,5-Trichlorophenol	ND	(0.109)	[1]	ND	(0.0368)	[1]
2,4,6-Trichlorophenol	ND	(0.115)	[1]	ND	(0.0389)	[1]
2,4-Dichlorophenol	ND	(0.146)	[1]	ND	(0.0494)	[1]
2,4-Dimethylphenol	ND	(0.364)	[1]	ND	(0.123)	[1]
2,4-Dinitrophenol	ND	(2.31)	[1]	ND	(0.781)	[1]
2,4-Dinitrotoluene	ND	(0.182)	[1]	ND	(0.0613)	[1]
2,6-Dinitrotoluene	ND	(0.114)	[1]	ND	(0.0386)	[1]
2-Chloronaphthalene	ND	(0.107)	[1]	ND	(0.0361)	[1]
2-Chlorophenol	ND	(0.253)	[1]	ND	(0.0852)	[1]
2-Methylnaphthalene	1.31	(0.218)	[1]	0.814	(0.0736)	[1]
2-Methylphenol (o-cresol)	ND	(0.177)	[1]	ND	(0.0596)	[1]
2-Nitroaniline	ND	(0.133)	[1]	ND	(0.0448)	[1]
2-Nitrophenol	ND	(0.146)	[1]	ND	(0.0491)	[1]
3,3'-Dichlorobenzidine	ND	(0.162)	[1]	ND	(0.0546)	[1]
3-Nitroaniline	ND	(0.168)	[1]	ND	(0.0568)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.262)	[1]	ND	(0.0883)	[1]
4-Bromophenyl phenyl ether	ND	(0.151)	[1]	ND	(0.0509)	[1]
4-Chloro-3-methylphenol	ND	(0.239)	[1]	ND	(0.0806)	[1]
4-Chloroaniline	ND	(0.185)	[1]	ND	(0.0623)	[1]
4-Chlorophenyl phenyl ether	ND	(0.175)	[1]	ND	(0.0589)	[1]
4-Methylphenol(p-cresol)	ND	(0.190)	[1]	0.125 F	(0.0641)	[1]
4-Nitroaniline	ND	(0.160)	[1]	ND	(0.0540)	[1]
4-Nitrophenol	ND	(0.229)	[1]	ND	(0.0771)	[1]
				1.87	(0.986)	[1]
				ND	(0.798)	[1]
				ND	(0.601)	[1]
				ND	(0.657)	[1]
				ND	(0.732)	[1]
				ND	(0.760)	[1]
				ND	(1.18)	[1]
				ND	(0.681)	[1]
				ND	(1.08)	[1]
				ND	(0.835)	[1]
				ND	(0.789)	[1]
				ND	(0.859)	[1]
				ND	(0.723)	[1]
				ND	(1.03)	[1]
				ND	(0.592)	[1]
				ND	(1.21)	[1]
				ND	(0.493)	[1]
				ND	(0.521)	[1]
				ND	(0.662)	[1]
				ND	(1.64)	[1]
				ND	(10.5)	[1]
				ND	(0.822)	[1]
				ND	(0.517)	[1]
				ND	(0.484)	[1]
				ND	(1.14)	[1]
				1.87	(0.986)	[1]
				ND	(0.798)	[1]
				ND	(0.601)	[1]
				ND	(0.657)	[1]
				ND	(0.732)	[1]
				ND	(0.760)	[1]
				ND	(1.18)	[1]
				ND	(0.681)	[1]
				ND	(1.08)	[1]
				ND	(0.835)	[1]
				ND	(0.789)	[1]
				ND	(0.859)	[1]
				ND	(0.723)	[1]
				ND	(1.03)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	3	3	3	3
	07-SD-05	07-SD-06	07-SD-07	07-SS-06
	07-SD-05-01	07-SD-06-01	07-SD-07-01	07-SS-06-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8270 - Semivolatile Organics, cont. (mg/kg)				
Indeno(1,2,3-cd)pyrene	ND (0.174) [1]	ND (0.0586) [1]	ND (0.784) [1]	NA
Isophorone	ND (0.0949) [1]	ND (0.0320) [1]	ND (0.429) [1]	NA
N-Nitroso-di-n-propylamine	ND (0.248) [1]	ND (0.0838) [1]	ND (1.12) [1]	NA
Naphthalene	0.731 (0.241) [1]	0.476 (0.0813) [1]	0.554 J (1.09) [1]	NA
Nitrobenzene	ND (0.175) [1]	ND (0.0589) [1]	ND (0.789) [1]	NA
Pentachloropheno[	ND (0.286) [1]	ND (0.0964) [1]	ND (1.29) [1]	NA
Phenanthrene	ND (0.206) [1]	0.0271 J (0.0694) [1]	ND (0.929) [1]	NA
Pheno[	ND (0.132) [1]	ND (0.0445) [1]	ND (0.596) [1]	NA
Pyrene	ND (0.155) [1]	ND (0.0522) [1]	ND (0.699) [1]	NA
bis(2-Chloroethoxy)methane	ND (0.186) [1]	ND (0.0627) [1]	ND (0.840) [1]	NA
bis(2-Chloroethyl)ether	ND (0.242) [1]	ND (0.0816) [1]	ND (1.09) [1]	NA
bis(2-Chloroisopropyl)ether	ND (0.240) [1]	ND (0.0810) [1]	ND (1.08) [1]	NA
bis(2-Ethylhexyl)phthalate	0.203 J (0.605) [1]	0.0587 J (0.204) [1]	0.435 J (2.73) [1]	NA

Compiled: 17 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

R

= Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995
 () = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID				
LOCATION ID				
SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)				
	07A	07A	07A	7
	07A-SB-02	07A-SS-01	07A-SS-02	08-SB-01
	07A-SB-02-DS-02 Dup of	07A-SS-01-01	07A-SS-02-01	08-SB-01-01
	07A-SB-02-02			
	1.5 - 2	0 - 0.5	0 - 0.5	8 - 8.5
PARAMETER				
Diesel Range Organics (mg/kg)				
Diesel Range Organics	NA	NA	NA	11.0 JB (20.0) [1]
Gasoline Range Organics (mg/kg)				
Gasoline Range Organics	NA	NA	NA	0.00 JB (10.0) [1]
Percent Solid (percent)	27.3 (0.00) [1]	30.9 (0.00) [1]	87.8 (0.00) [1]	NA
Percent moisture				

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)							
	7				7				008				008							
	08-SB-02 10 - 10.5				08-SB-03 10 - 10.5				09-SB-01 0 - 2				09-SB-01 2.5 - 4.5							
Diesel Range Organics (mg/kg)	0.00	JB	(	20.0)	[1]	0.00	JB	(	20.0)	[1]	120	B	(	20.0)	[1]	29.0	B	(	20.0)	[1]
Diesel Range Organics	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]	87.0		(	10.0)	[1]	61.0		(	10.0)	[1]
Gasoline Range Organics (mg/kg)	NA					NA					8.41		(	0.00)	[1]	16.8		(	0.00)	[1]
Gasoline Range Organics	NA					NA														
Percent Solid (percent)																				
Percent moisture																				
SW8240 - Volatile Organics (ug/kg)																				
1,1,1-Trichloroethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
1,1,2,2-Tetrachloroethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
1,1,2-Trichloroethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
1,1-Dichloroethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
1,1-Dichloroethene	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
1,2-Dichloroethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
1,2-Dichloropropane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
2-Butanone(MEK)	NA					NA					ND		(	30.0)	[1]	ND		(	40.0)	[1]
2-Chloroethyl vinyl ether	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
2-Hexanone	NA					NA					ND		(	30.0)	[1]	ND		(	40.0)	[1]
4-Methyl-2-pentanone(MIBK)	NA					NA					1.70	J	(	30.0)	[1]	ND		(	40.0)	[1]
Acetone	NA					NA					6.10	JB	(	100)	[1]	40.0	JB	(	100)	[1]
Benzene	NA					NA					ND		(	5.00)	[1]	13.0		(	6.00)	[1]
Bromodichloromethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
Bromomethane	NA					NA					ND		(	5.00)	[1]	ND		(	6.00)	[1]
Carbon disulfide	NA					NA					ND		(	10.0)	[1]	ND		(	10.0)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID				
LOCATION ID				
SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)				
PARAMETER	7		008	
	08-SB-02 10 - 10.5	08-SB-03 10 - 10.5	09-SB-01 0 - 2	09-SB-01-02 2.5 - 4.5
SW8240 - Volatile Organics, cont. (ug/kg)				
Carbon tetrachloride	NA	NA	ND	ND
Chlorobenzene	NA	NA	ND	ND
Chloroethane	NA	NA	ND	ND
Chloroform	NA	NA	ND	ND
Chloromethane	NA	NA	ND	ND
Dibromochloromethane	NA	NA	ND	ND
Ethylbenzene	NA	NA	ND	ND
Methylene chloride	NA	NA	ND	ND
Styrene	NA	NA	ND	ND
Tetrachloroethene	NA	NA	ND	ND
Toluene	NA	NA	ND	ND
Tribromomethane(Bromoform)	NA	NA	ND	ND
Trichloroethene	NA	NA	ND	ND
Vinyl acetate	NA	NA	ND	ND
Vinyl chloride	NA	NA	ND	ND
cis-1,2-Dichloroethene	NA	NA	ND	ND
cis-1,3-Dichloropropene	NA	NA	ND	ND
m & p-Xylene	NA	NA	ND	ND
o-Xylene	NA	NA	ND	ND
trans-1,2-Dichloroethene	NA	NA	ND	ND
trans-1,3-Dichloropropene	NA	NA	ND	ND
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	NA	NA	ND	ND
1,2-Dichlorobenzene	NA	NA	ND	ND

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

R = Invalid Result, Refer to QC Report

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

		SITE ID			
		LOCATION ID			
		SAMPLE ID			
		BEG. DEPTH - END DEPTH (FT.)			
		7	7	008	008
		08-SB-02	08-SB-03	09-SB-01	09-SB-01
		08-SB-02-01	08-SB-03-01	09-SB-01-01	09-SB-01-02
		10 - 10.5	10 - 10.5	0 - 2	2.5 - 4.5
PARAMETER					

SW8270 - Semivolatile Organics, cont. (mg/kg)					
Indeno(1,2,3-cd)pyrene	NA	NA	0.260	(0.0482)	[1]
Isophorone	NA	NA	ND	(0.0223)	[1]
N-Nitroso-di-n-propylamine	NA	NA	ND	(0.0237)	[1]
Naphthalene	NA	NA	0.0210	(0.0173)	[1]
Nitrobenzene	NA	NA	ND	(0.0305)	[1]
Pentachloropheno]	NA	NA	ND	(0.0322)	[1]
Phenanthrene	NA	NA	0.226	(0.0170)	[1]
Pheno]	NA	NA	ND	(0.0320)	[1]
Pyrene	NA	NA	0.435	(0.0148)	[1]
bis(2-Chloroethoxy)methane	NA	NA	ND	(0.0220)	[1]
bis(2-Chloroethyl)ether	NA	NA	ND	(0.0139)	[1]
bis(2-Chloroisopropyl)ether	NA	NA	ND	(0.0289)	[1]
bis(2-Ethylhexyl)phthalate	NA	NA	0.129	(0.0210)	[1]
</					

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	008		008		008		008					
	09-SB-01		09-SB-01		09-SB-01		10-SB-04					
	09-SB-01-03		09-SB-01-04		10-SB-04-01		10-SB-04-02					
	5 - 7		7.5 - 9.5		0 - 2		3 - 5					

Diesel Range Organics (mg/kg)	10.0	JB (20.0)	[1]	1.00	JB (20.0)	[1]	57.0	B (20.0)	[1]	1.00	JB (20.0)	[1]
Diesel Range Organics												
Gasoline Range Organics (mg/kg)	60.0	(10.0)	[1]	6.00	J (10.0)	[1]	0.00	JB (10.0)	[1]	1.00	J (10.0)	[1]
Gasoline Range Organics												
Percent Solid (percent)	21.4	(0.00)	[1]	14.7	(0.00)	[1]	3.72	(0.00)	[1]	23.8	(0.00)	[1]
Percent moisture												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
1,1,2,2-Tetrachloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
1,1,2-Trichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
1,1-Dichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
1,1-Dichloroethene	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
1,2-Dichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
1,2-Dichloropropane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
2-Butanone(MEK)	ND	(40.0)	[1]	ND	(40.0)	[1]	ND	(30.0)	[1]	ND	(40.0)	[1]
2-Chloroethyl vinyl ether	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
2-Hexanone	ND	(40.0)	[1]	ND	(40.0)	[1]	ND	(30.0)	[1]	ND	(40.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(40.0)	[1]	ND	(40.0)	[1]	ND	(30.0)	[1]	ND	(40.0)	[1]
Acetone	8.90	JB (100)	[1]	8.00	JB (100)	[1]	7.00	JB (100)	[1]	13.0	JB (100)	[1]
Benzene	ND	(7.00)	[1]	1.60	J (7.00)	[1]	1.00	J (6.00)	[1]	16.0	(7.00)	[1]
Bromodichloromethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
Bromomethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(7.00)	[1]
Carbon disulfide	ND	(10.0)	[1]	ND	(10.0)	[1]	ND	(10.0)	[1]	ND	(10.0)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW8240 - Volatile Organics, cont. (ug/kg)	008	008	008	008	008	008
	09-SB-01	09-SB-01	09-SB-01	10-SB-04	10-SB-04	10-SB-04
	09-SB-01-03	09-SB-01-04	09-SB-01-04	10-SB-04-01	10-SB-04-02	10-SB-04-02
	5 - 7	7.5 - 9.5	7.5 - 9.5	0 - 2	3 - 5	3 - 5
	((((((
	7.00)	7.00)	7.00)	6.00)	6.00)	7.00)
	ND	ND	ND	ND	ND	ND
	[1]	[1]	[1]	[1]	[1]	[1]
	Carbon tetrachloride	ND	((((
	Chlorobenzene	ND	((((
	Chloroethane	ND	((((
	Chloroform	ND	((((
	Chloromethane	ND	((((
	Dibromochloromethane	ND	((((
	Ethylbenzene	ND	((((
	Methylene chloride	ND	((((
Styrene	ND	ND	ND	ND	ND	ND
	[1]	[1]	[1]	[1]	[1]	[1]
	Tetrachloroethene	ND	((((
	Toluene	ND	((((
	Tribromomethane(Bromoform)	ND	((((
	Trichloroethene	ND	((((
	Vinyl acetate	ND	((((
	Vinyl chloride	ND	((((
	cis-1,2-Dichloroethene	ND	((((
	cis-1,3-Dichloropropene	ND	((((
	m & p-Xylene	ND	((((
	o-Xylene	ND	((((
	trans-1,2-Dichloroethene	ND	((((
	trans-1,3-Dichloropropene	ND	((((
	SW8270 - Semivolatile Organics (mg/kg)	ND	((((
1,2,4-Trichlorobenzene	ND	(((((
	[1]	[1]	[1]	[1]	[1]	[1]
1,2-Dichlorobenzene	ND	(((((
	[1]	[1]	[1]	[1]	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																			
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		008		008											

SW8270 - Semivolatile Organics, cont. (mg/kg)																				
1,3-Dichlorobenzene	ND	(0.0304)	[1]	ND	(0.0280)	[1]	ND	(0.0136)	[1]	ND	(0.0173)	[1]								
1,4-Dichlorobenzene	ND	(0.0249)	[1]	ND	(0.0229)	[1]	ND	(0.0279)	[1]	ND	(0.0353)	[1]								
2,4,5-Trichloropheno	ND	(0.0216)	[1]	ND	(0.0198)	[1]	ND	(0.0114)	[1]	ND	(0.0144)	[1]								
2,4,6-Trichloropheno	ND	(0.0215)	[1]	ND	(0.0197)	[1]	ND	(0.0120)	[1]	ND	(0.0153)	[1]								
2,4-Dichloropheno	ND	(0.0241)	[1]	ND	(0.0222)	[1]	ND	(0.0153)	[1]	ND	(0.0194)	[1]								
2,4-Dimethylpheno	ND	(0.0551)	[1]	ND	(0.0507)	[1]	ND	(0.0379)	[1]	ND	(0.0481)	[1]								
2,4-Dinitrophenol	ND	(0.177)	[1]	ND	(0.163)	[1]	ND	(0.241)	[1]	ND	(0.306)	[1]								
2,4-Dinitrotoluene	ND	(0.0251)	[1]	ND	(0.0230)	[1]	ND	(0.0190)	[1]	ND	(0.0240)	[1]								
2,6-Dinitrotoluene	ND	(0.0365)	[1]	ND	(0.0336)	[1]	ND	(0.0119)	[1]	ND	(0.0151)	[1]								
2-Chloronaphthalene	ND	(0.0166)	[1]	ND	(0.0153)	[1]	ND	(0.0112)	[1]	ND	(0.0142)	[1]								
2-Chloropheno	ND	(0.0269)	[1]	ND	(0.0248)	[1]	ND	(0.0263)	[1]	ND	(0.0334)	[1]								
2-Methylnaphthalene	0.0903	(0.0154)	[1]	ND	(0.0142)	[1]	ND	(0.0228)	[1]	ND	(0.0288)	[1]								
2-Methylpheno (o-cresol)	ND	(0.0131)	[1]	ND	(0.0121)	[1]	ND	(0.0184)	[1]	ND	(0.0233)	[1]								
2-Nitroaniline	ND	(0.0281)	[1]	ND	(0.0259)	[1]	ND	(0.0139)	[1]	ND	(0.0176)	[1]								
2-Nitrophenol	ND	(0.0221)	[1]	ND	(0.0204)	[1]	ND	(0.0152)	[1]	ND	(0.0192)	[1]								
3,3'-Dichlorobenzidine	ND	(0.0141)	[1]	ND	(0.0130)	[1]	ND	(0.0169)	[1]	ND	(0.0214)	[1]								
3-Nitroaniline	ND	(0.0167)	[1]	ND	(0.0153)	[1]	ND	(0.0175)	[1]	ND	(0.0222)	[1]								
4,6-Dinitro-2-methylpheno	ND	(0.0182)	[1]	ND	(0.0168)	[1]	ND	(0.0273)	[1]	ND	(0.0346)	[1]								
4-Bromophenyl phenyl ether	ND	(0.0205)	[1]	ND	(0.0189)	[1]	ND	(0.0157)	[1]	ND	(0.0199)	[1]								
4-Chloro-3-methylpheno	ND	(0.0218)	[1]	ND	(0.0201)	[1]	ND	(0.0249)	[1]	ND	(0.0316)	[1]								
4-Chloroaniline	ND	(0.0316)	[1]	ND	(0.0291)	[1]	ND	(0.0193)	[1]	ND	(0.0244)	[1]								
4-Chlorophenyl phenyl ether	ND	(0.0179)	[1]	ND	(0.0164)	[1]	ND	(0.0182)	[1]	ND	(0.0231)	[1]								
4-Methylpheno(p-cresol)	ND	(0.0195)	[1]	ND	(0.0179)	[1]	ND	(0.0198)	[1]	ND	(0.0251)	[1]								
4-Nitroaniline	ND	(0.0257)	[1]	ND	(0.0236)	[1]	ND	(0.0167)	[1]	ND	(0.0212)	[1]								
4-Nitrophenol	ND	(0.0397)	[1]	ND	(0.0365)	[1]	ND	(0.0238)	[1]	ND	(0.0302)	[1]								

008																				
09-SB-01																				
09-SB-01-03																				
5 - 7																				
008																				
09-SB-01																				
09-SB-01-04																				
7.5 - 9.5																				
008																				
10-SB-04																				
10-SB-04-01																				
0 - 2																				
008																				
10-SB-04																				
10-SB-04-02																				
3 - 5																				

Compiled: 17 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

NA = Not Applicable R = Invalid Result, Refer to QC Report

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW8270 - Semivolatile Organics, cont. (mg/kg)	008	008	008	008
	09-SB-01	09-SB-01	10-SB-04	10-SB-04
	09-SB-01-03	09-SB-01-04	10-SB-04-01	10-SB-04-02
	5 - 7	7.5 - 9.5	0 - 2	3 - 5
	ND	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
	0.115	ND	ND	ND
	ND	ND	ND	ND
	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND
Isophorone	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	ND	ND	ND	ND
Naphthalene	0.115	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND
Phenanthrene	0.0188 J	ND	0.00955 JB	ND
Phenol	ND	ND	ND	ND
Pyrene	0.0241	ND	0.0182	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND
bis(2-Chloroethyl) ether	ND	ND	ND	ND
bis(2-Chloroisopropyl) ether	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	ND	ND	0.0679	ND

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	008	008	008	008	008	008	008	008	008	008		
	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04		
	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03		
	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9		
	0.00	JB	(	20.0)	[1]	1.00	JB	(	20.0)	[1]		
Diesel Range Organics (mg/kg)	0.00	JB	(	20.0)	[1]	1.00	JB	(	20.0)	[1]		
Diesel Range Organics	0.00	JB	(	20.0)	[1]	1.00	JB	(	20.0)	[1]		
Gasoline Range Organics (mg/kg)	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]		
Gasoline Range Organics	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]		
Percent Solid (percent)	5.46	(	0.00)	[1]	4.95	(	0.00)	[1]	6.69	(	0.00)	[1]
Percent moisture	5.46	(	0.00)	[1]	4.95	(	0.00)	[1]	6.69	(	0.00)	[1]
SW8240 - Volatile Organics (ug/kg)	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1,1-Trichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1,2,2-Tetrachloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1,2-Trichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1-Dichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1-Dichloroethene	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,2-Dichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,2-Dichloropropane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
2-Butanone(MEK)	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	2000)	[4]
2-Chloroethyl vinyl ether	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
2-Hexanone	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	2000)	[4]
4-Methyl-2-pentanone(MIBK)	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	2000)	[4]
Acetone	6.20	JB	(	100)	[1]	3.90	JB	(	100)	[1]	8000)	[4]
Benzene	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
Bromodichloromethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
Bromomethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]
Carbon disulfide	ND	(10.0)	[1]	ND	(10.0)	[1]	ND	(800)	[4]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	008	008	008	008	008	008	008	008	008	008	008	008
	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-05	10-SB-05-01	10-SB-05-02	10-SB-05	10-SB-05	10-SB-05-02	10-SB-05	10-SB-05
	10-SB-04-03	10-SB-04-04	10-SB-04-04	10-SB-04-04	10-SB-05-01	10-SB-05-01	10-SB-05-02	10-SB-05	10-SB-05	10-SB-05-02	10-SB-05	10-SB-05
	7 - 9	10 - 12	10 - 12	10 - 12	0 - 2	0 - 2	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5
SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon tetrachloride	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Chlorobenzene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Chloroethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Chloroform	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Chloromethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Dibromochloromethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Ethylbenzene	ND	(5.00)	[1]	ND	(6.00)	[1]	4900	(400)	[4]	8200	(300)	[2]
Methylene chloride	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Styrene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Tetrachloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Toluene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	36000	(300)	[2]
Tribromomethane(Bromoform)	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Trichloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
Vinyl acetate	ND	(50.0)	[1]	ND	(60.0)	[1]	ND	(4000)	[4]	ND	(3000)	[2]
Vinyl chloride	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
cis-1,2-Dichloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
cis-1,3-Dichloropropene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
m & p-Xylene	ND	(20.0)	[1]	ND	(20.0)	[1]	3800	(1000)	[4]	28000	(800)	[2]
o-Xylene	ND	(10.0)	[1]	ND	(10.0)	[1]	8800	(800)	[4]	8100	(500)	[2]
trans-1,2-Dichloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
trans-1,3-Dichloropropene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]	ND	(300)	[2]
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	ND	(0.0208)	[1]	ND	(0.0207)	[1]	ND	(0.0620)	[1]	ND	(0.745)	[1]
1,2-Dichlorobenzene	ND	(0.0274)	[1]	ND	(0.0272)	[1]	ND	(0.0669)	[1]	ND	(0.804)	[1]

Compiled: 17 March 1995

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= Dilution Factor

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	008	008	008	008	008	008	008	008	008	008	008	008
	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05
	10-SB-04-03	10-SB-04-04	10-SB-04-04	10-SB-04-04	10-SB-05-01	10-SB-05-01	10-SB-05-01	10-SB-05-01	10-SB-05-01	10-SB-05-01	10-SB-05-02	10-SB-05-02
	7 - 9	10 - 12	10 - 12	10 - 12	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	3 - 5	3 - 5
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Acenaphthene	ND (0.0168)	[1]	ND (0.0167)	[1]	ND (0.0287)	[1]	ND (0.344)	[1]	ND (0.529)	[1]	ND (0.466)	[1]
Acenaphthylene	ND (0.00795)	[1]	ND (0.00790)	[1]	ND (0.0440)	[1]	ND (0.569)	[1]	ND (0.656)	[1]	ND (1.15)	[1]
Anthracene	ND (0.0204)	[1]	ND (0.0203)	[1]	ND (0.0388)	[1]	ND (1.29)	[1]	ND (1.27)	[1]	ND (48.9)	[1]
Benzo(a)anthracene	ND (0.0181)	[1]	ND (0.0180)	[1]	ND (0.0473)	[1]	ND (0.773)	[1]	ND (0.792)	[1]	ND (0.680)	[1]
Benzo(a)pyrene	ND (0.0135)	[1]	ND (0.0134)	[1]	ND (0.0546)	[1]	ND (0.410)	[1]	ND (0.446)	[1]	ND (1.03)	[1]
Benzo(b)fluoranthene	ND (0.0200)	[1]	ND (0.0199)	[1]	ND (0.0957)	[1]	ND (0.680)	[1]	ND (0.652)	[1]	ND (0.426)	[1]
Benzo(g,h,i)perylene	ND (0.0171)	[1]	ND (0.0170)	[1]	ND (0.107)	[1]	ND (0.341)	[1]	ND (0.371)	[1]	ND (0.446)	[1]
Benzo(k)fluoranthene	ND (0.0341)	[1]	ND (0.0339)	[1]	ND (0.105)	[1]	ND (0.855)	[1]	ND (1.29)	[1]	ND (0.680)	[1]
Benzoic acid	ND (0.139)	[1]	ND (0.139)	[1]	ND (4.07)	[1]	ND (0.566)	[1]	ND (0.543)	[1]	ND (0.426)	[1]
Benzyl alcohol	ND (0.0380)	[1]	ND (0.0378)	[1]	ND (0.0643)	[1]	ND (0.0354)	[1]	ND (0.0283)	[1]	ND (0.341)	[1]
Butylbenzylphthalate	ND (0.0138)	[1]	ND (0.0137)	[1]	ND (0.0659)	[1]	ND (0.0371)	[1]	ND (0.0855)	[1]	ND (1.03)	[1]
Chrysene	ND (0.0235)	[1]	ND (0.0234)	[1]	ND (0.0566)	[1]	ND (0.0371)	[1]	ND (0.0855)	[1]	ND (1.03)	[1]
Di-n-butylphthalate	ND (0.0173)	[1]	ND (0.0172)	[1]	ND (0.0341)	[1]	ND (0.0371)	[1]	ND (0.0855)	[1]	ND (1.03)	[1]
Di-n-octylphthalate	ND (0.0321)	[1]	ND (0.0319)	[1]	ND (0.0371)	[1]	ND (0.0855)	[1]	ND (0.0855)	[1]	ND (1.03)	[1]
Dibenz(a,h)anthracene	ND (0.0167)	[1]	ND (0.0166)	[1]	ND (0.0855)	[1]	ND (0.0855)	[1]	ND (0.0855)	[1]	ND (1.03)	[1]
Dibenzofuran	ND (0.0144)	[1]	ND (0.0143)	[1]	ND (0.0566)	[1]	ND (0.0566)	[1]	ND (0.0566)	[1]	ND (1.03)	[1]
Diethylphthalate	ND (0.0118)	[1]	ND (0.0118)	[1]	ND (0.0543)	[1]	ND (0.0543)	[1]	ND (0.0543)	[1]	ND (1.03)	[1]
Dimethylphthalate	ND (0.00985)	[1]	ND (0.00979)	[1]	ND (0.0354)	[1]	ND (0.0354)	[1]	ND (0.0354)	[1]	ND (1.03)	[1]
Diphenylamine/N-NitrosodPA	ND (0.0199)	[1]	ND (0.0198)	[1]	ND (0.0283)	[1]	ND (0.0283)	[1]	ND (0.0283)	[1]	ND (1.03)	[1]
Fluoranthene	ND (0.0224)	[1]	ND (0.0223)	[1]	ND (0.0496)	[1]	ND (0.0496)	[1]	ND (0.0496)	[1]	ND (1.03)	[1]
Fluorene	ND (0.0118)	[1]	ND (0.0118)	[1]	ND (0.0400)	[1]	ND (0.0400)	[1]	ND (0.0400)	[1]	ND (1.03)	[1]
Hexachlorobenzene	ND (0.00823)	[1]	ND (0.00818)	[1]	ND (0.0331)	[1]	ND (0.0331)	[1]	ND (0.0331)	[1]	ND (1.03)	[1]
Hexachlorobutadiene	ND (0.0246)	[1]	ND (0.0244)	[1]	ND (0.0540)	[1]	ND (0.0540)	[1]	ND (0.0540)	[1]	ND (1.03)	[1]
Hexachlorocyclopentadiene	ND (0.314)	[1]	ND (0.312)	[1]	ND (0.621)	[1]	ND (0.621)	[1]	ND (0.621)	[1]	ND (1.03)	[1]
Hexachloroethane	ND (0.0209)	[1]	ND (0.0208)	[1]	ND (0.0669)	[1]	ND (0.0669)	[1]	ND (0.0669)	[1]	ND (1.03)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)			008			008		
	LOCATION ID			SAMPLE ID			008			008		
	10-SB-04	10-SB-04-03	7 - 9	10-SB-04	10-SB-04-04	10 - 12	10-SB-04	10-SB-05	10-SB-05-01	10-SB-05-02	3 - 5	
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Indeno(1,2,3-cd)pyrene	ND	(0.0185)	[1]	ND	(0.0184)	[1]	ND	(0.140)	[1]	ND	(1.68)	[1]
Isophorone	ND	(0.0101)	[1]	ND	(0.0100)	[1]	ND	(0.0649)	[1]	ND	(0.780)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0264)	[1]	ND	(0.0263)	[1]	ND	(0.0689)	[1]	ND	(0.828)	[1]
Naphthalene	ND	(0.0257)	[1]	ND	(0.0255)	[1]	0.228	(0.0504)	[1]	23.8	(0.605)	[1]
Nitrobenzene	ND	(0.0186)	[1]	ND	(0.0185)	[1]	ND	(0.0887)	[1]	ND	(1.07)	[1]
Pentachlorophenol	ND	(0.0304)	[1]	ND	(0.0302)	[1]	ND	(0.0937)	[1]	ND	(1.13)	[1]
Phenanthrene	ND	(0.0219)	[1]	ND	(0.0218)	[1]	0.0239 J	(0.0493)	[1]	ND	(0.593)	[1]
Phenol	ND	(0.0140)	[1]	ND	(0.0140)	[1]	ND	(0.0930)	[1]	ND	(1.12)	[1]
Pyrene	ND	(0.0165)	[1]	ND	(0.0164)	[1]	0.0190 J	(0.0430)	[1]	ND	(0.517)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0198)	[1]	ND	(0.0197)	[1]	ND	(0.0639)	[1]	ND	(0.767)	[1]
bis(2-Chloroethyl)ether	ND	(0.0258)	[1]	ND	(0.0256)	[1]	ND	(0.0404)	[1]	ND	(0.485)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0255)	[1]	ND	(0.0254)	[1]	ND	(0.0841)	[1]	ND	(1.01)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0644)	[1]	ND	(0.0640)	[1]	ND	(0.0612)	[1]	ND	(0.736)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	008	008	008	008	008	008
	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05
	10-SB-05-DS-02 Dup of	10-SB-05-02	10-SB-05-03	10-SB-05-04	10-SB-05-01	10-SB-05-01
	3 - 5	8 - 10	11 - 13	0 - 0.5		
<hr/>						
Diesel Range Organics (mg/kg)	490	(20.0)	[10]	1800	(20.0)	[10]
Diesel Range Organics				4400	(20.0)	[10]
Gasoline Range Organics (mg/kg)	7300	(10.0)	[100]	2200	(10.0)	[100]
Gasoline Range Organics				4600	(10.0)	[50]
Percent Solid (percent)	25.2	(0.00)	[1]	13.1	(0.00)	[1]
Percent moisture				7.84	(0.00)	[1]
					16.6	(0.00)
						[1]
<hr/>						
SW8240 - Volatile Organics (ug/kg)	ND	(1000)	[10]	ND	(2000)	[20]
1,1,1-Trichloroethane	ND	(1000)	[10]	ND	(2000)	[20]
1,1,2,2-Tetrachloroethane	ND	(1000)	[10]	ND	(2000)	[20]
1,1,2-Trichloroethane	ND	(1000)	[10]	ND	(2000)	[20]
1,1-Dichloroethane	ND	(1000)	[10]	ND	(2000)	[20]
1,1-Dichloroethene	ND	(1000)	[10]	ND	(2000)	[20]
1,2-Dichloroethane	ND	(1000)	[10]	ND	(2000)	[20]
1,2-Dichloropropane	ND	(1000)	[10]	ND	(2000)	[20]
2-Butanone(MEK)	ND	(7000)	[10]	ND	(12000)	[20]
2-Chloroethyl vinyl ether	ND	(1000)	[10]	ND	(2000)	[20]
2-Hexanone	ND	(7000)	[10]	ND	(12000)	[20]
4-Methyl-2-pentanone(MIBK)	ND	(7000)	[10]	ND	(12000)	[20]
Acetone	ND	(27000)	[10]	ND	(47000)	[20]
Benzene	15000	(1000)	[10]	14000	(2000)	[20]
Bromodichloromethane	ND	(1000)	[10]	ND	(2000)	[20]
Bromomethane	ND	(1000)	[10]	ND	(2000)	[20]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		BEG. DEPTH - END DEPTH (FT.)		
	SAMPLE ID				
SW8240 - Volatile Organics, cont. (ug/kg)	008	008	008	008	008
	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SS-07
	10-SB-05-DS-02 Dup of	10-SB-05-03	10-SB-05-04	10-SB-05-04	10-SS-07-01
	10-SB-05-02				
	3 - 5	8 - 10	11 - 13		0 - 0.5
Carbon disulfide	ND	ND	ND	ND	NA
Carbon tetrachloride	ND	ND	ND	ND	NA
Chlorobenzene	ND	ND	ND	ND	NA
Chloroethane	ND	ND	ND	ND	NA
Chloroform	ND	ND	ND	ND	NA
Chloromethane	ND	ND	ND	ND	NA
Dibromochloromethane	ND	ND	ND	ND	NA
Ethylbenzene	24000	29000	92000	92000	NA
Methylene chloride	ND	ND	ND	ND	NA
Styrene	ND	ND	ND	ND	NA
Tetrachloroethene	ND	ND	ND	ND	NA
Toluene	97000	100000	370000	370000	NA
Tribromomethane(Bromoform)	ND	ND	ND	ND	NA
Trichloroethene	ND	ND	ND	ND	NA
Vinyl acetate	ND	ND	ND	ND	NA
Vinyl chloride	ND	ND	ND	ND	NA
cis-1,2-Dichloroethene	ND	ND	ND	ND	NA
cis-1,3-Dichloropropene	ND	ND	ND	ND	NA
m & p-Xylene	84000	120000	350000	350000	NA
o-Xylene	23000	35000	100000	100000	NA
trans-1,2-Dichloroethene	ND	ND	ND	ND	NA
trans-1,3-Dichloropropene	ND	ND	ND	ND	NA
SW8270 - Semivolatile Organics (mg/kg)					

Compiled: 17 March 1995

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[] = Dilution Factor

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NA = Not Applicable

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID										
LOCATION ID										
SAMPLE ID										
BEG. DEPTH - END DEPTH (FT.)										
PARAMETER	008		008		008		008		008	
	10-SB-05		10-SB-05		10-SB-05		10-SB-05		10-SB-05	
	10-SB-05-DS-02 Dup of		10-SB-05-03		10-SB-05-03		10-SB-05-04		10-SB-05-04	
	10-SB-05-02		10-SB-05-02		10-SB-05-02		10-SB-05-02		10-SB-05-02	
3 - 5										
8 - 10										
11 - 13										
0 - 0.5										
SW8270 - Semivolatile Organics, cont. (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.763)	[1]	ND	(0.550)	[1]	ND	(0.560)	[1]	NA
1,2-Dichlorobenzene	ND	(0.824)	[1]	ND	(0.594)	[1]	ND	(0.604)	[1]	NA
1,3-Dichlorobenzene	ND	(0.931)	[1]	ND	(0.671)	[1]	ND	(0.682)	[1]	NA
1,4-Dichlorobenzene	ND	(0.763)	[1]	ND	(0.550)	[1]	ND	(0.560)	[1]	NA
2,4,5-Trichlorophenol	ND	(0.661)	[1]	ND	(0.476)	[1]	ND	(0.484)	[1]	NA
2,4,6-Trichlorophenol	ND	(0.657)	[1]	ND	(0.473)	[1]	ND	(0.482)	[1]	NA
2,4-Dichlorophenol	ND	(0.739)	[1]	ND	(0.532)	[1]	ND	(0.542)	[1]	NA
2,4-Dimethylphenol	ND	(1.69)	[1]	ND	(1.22)	[1]	ND	(1.24)	[1]	NA
2,4-Dinitrophenol	ND	(5.43)	[1]	ND	(3.91)	[1]	ND	(3.98)	[1]	NA
2,4-Dinitrotoluene	ND	(0.767)	[1]	ND	(0.553)	[1]	ND	(0.563)	[1]	NA
2,6-Dinitrotoluene	ND	(1.12)	[1]	ND	(0.806)	[1]	ND	(0.820)	[1]	NA
2-Chloronaphthalene	ND	(0.509)	[1]	ND	(0.367)	[1]	ND	(0.373)	[1]	NA
2-Chlorophenol	ND	(0.824)	[1]	ND	(0.594)	[1]	ND	(0.604)	[1]	NA
2-Methylnaphthalene	29.3	(0.472)	[1]	9.59	(0.341)	[1]	ND	(0.346)	[1]	NA
2-Methylphenol (o-cresol)	ND	(0.402)	[1]	ND	(0.290)	[1]	ND	(0.295)	[1]	NA
2-Nitroaniline	ND	(0.861)	[1]	ND	(0.620)	[1]	ND	(0.631)	[1]	NA
2-Nitrophenol	ND	(0.678)	[1]	ND	(0.488)	[1]	ND	(0.497)	[1]	NA
3,3'-Dichlorobenzidine	ND	(0.432)	[1]	ND	(0.312)	[1]	ND	(0.317)	[1]	NA
3-Nitroaniline	ND	(0.510)	[1]	ND	(0.368)	[1]	ND	(0.374)	[1]	NA
4,6-Dinitro-2-methylphenol	ND	(0.558)	[1]	ND	(0.402)	[1]	ND	(0.409)	[1]	NA
4-Bromophenyl phenyl ether	ND	(0.628)	[1]	ND	(0.453)	[1]	ND	(0.461)	[1]	NA
4-Chloro-3-methylphenol	ND	(0.668)	[1]	ND	(0.482)	[1]	ND	(0.490)	[1]	NA
4-Chloroaniline	1.88	(0.967)	[1]	ND	(0.697)	[1]	ND	(0.709)	[1]	NA
4-Chlorophenyl phenyl ether	ND	(0.546)	[1]	ND	(0.394)	[1]	ND	(0.401)	[1]	NA

Compiled: 17 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995
() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	BEG. DEPTH - END DEPTH (FT.)				
	008	008	008	008	008
	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-07
	10-SB-05-DS-02 Dup of	10-SB-05-03	10-SB-05-04	10-SB-05-04	10-SB-07-01
	10-SB-05-02				
	3 - 5	8 - 10	11 - 13		0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)					
Hexachlorobenzene	ND (0.408) [1]	ND (0.294) [1]	ND (0.299) [1]	NA	NA
Hexachlorobutadiene	ND (0.665) [1]	ND (0.479) [1]	ND (0.487) [1]	NA	NA
Hexachlorocyclopentadiene	ND (7.64) [1]	ND (5.51) [1]	ND (5.61) [1]	NA	NA
Hexachloroethane	ND (0.824) [1]	ND (0.594) [1]	ND (0.604) [1]	NA	NA
Indeno(1,2,3-cd)pyrene	ND (1.73) [1]	ND (1.24) [1]	ND (1.27) [1]	NA	NA
Isophorone	ND (0.800) [1]	ND (0.576) [1]	ND (0.586) [1]	NA	NA
N-Nitroso-di-n-propylamine	ND (0.849) [1]	ND (0.612) [1]	ND (0.622) [1]	NA	NA
Naphthalene	18.1 (0.620) [1]	3.18 (0.447) [1]	1.68 (0.455) [1]	NA	NA
Nitrobenzene	ND (1.09) [1]	ND (0.788) [1]	ND (0.801) [1]	NA	NA
Pentachloropheno]	ND (1.15) [1]	ND (0.832) [1]	ND (0.846) [1]	NA	NA
Phenanthrene	ND (0.607) [1]	0.261 J (0.438) [1]	ND (0.445) [1]	NA	NA
Pheno]	ND (1.15) [1]	ND (0.826) [1]	ND (0.840) [1]	NA	NA
Pyrene	ND (0.530) [1]	ND (0.382) [1]	ND (0.388) [1]	NA	NA
bis(2-Chloroethoxy)methane	ND (0.787) [1]	ND (0.567) [1]	ND (0.577) [1]	NA	NA
bis(2-Chloroethyl) ether	ND (0.497) [1]	ND (0.358) [1]	ND (0.365) [1]	NA	NA
bis(2-Chloroisopropyl) ether	ND (1.04) [1]	ND (0.747) [1]	ND (0.760) [1]	NA	NA
bis(2-Ethylhexyl) phthalate	ND (0.754) [1]	ND (0.544) [1]	ND (0.553) [1]	NA	NA

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
008	008	008	008	008
10-SS-08	10-SS-09	10-SS-09	10-SS-10	10-SS-10
10-SS-08-01	10-SS-09-01	10-SS-09-DS-01 Dup of	10-SS-10-01	10-SS-10-01
0 - 0.5	0 - 0.5	10-SS-09-01	0 - 0.5	0 - 0.5
Percent Solid (percent)	11.2	8.91	9.16	9.31
Percent moisture	(0.00)	(0.00)	(0.00)	(0.00)
	[1]	[1]	[1]	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	LOCATION ID												
	SAMPLE ID												
	BEG. DEPTH - END DEPTH (FT.)												
	008	008	008	008	008	008	008	008	008	008	008	008	
	10-SS-11	10-SS-11	10-SS-12	10-SS-12	10-SS-12-01	10-SS-12-01	10-SS-12-01	10-SS-12-01	10-SS-12-01	10-SS-12-01	10-SS-12-01	10-SS-12-01	
	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	10-SS-11-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
Percent Solid (percent)	19.8	(0.00)	[1]	7.21	(0.00)	[1]	11.4	(0.00)	[1]	9.86
Percent moisture													(0.00)
													[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
Percent Solid (percent)	008	008	008	008
	11-SS-04	11-SS-05	11-SS-06	11-SS-07
	11-SS-04-01	11-SS-05-01	11-SS-06-01	11-SS-07-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	9.39	10.7	15.5	17.1
Percent moisture	(0.00)	(0.00)	(0.00)	(0.00)
	[1]	[1]	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID			BEG. DEPTH - END DEPTH (FT.)		
	008			008			11-SS-08			008		
	11-SS-08-01			11-SS-09			11-SS-10			11-SS-10-01		
Percent Solid (percent)	6.82	(	0.00)	[1]	4.53	(	0.00)	[1]	8.37	(	0.00)	[1]
Percent moisture												

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg)	005	005	005	005
	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	05-SB-04-01	05-SB-04-02	05-SB-04-03	05-SB-04-04
	0 - 2	2.5 - 4.5	5 - 7	7.5 - 9.5
Arsenic	4.02 (0.0780) [1]	4.16 (0.0812) [1]	6.95 (0.175) [2]	9.81 (0.163) [2]
SW7421 - Lead (mg/kg)	3.58 (0.0919) [1]	7.04 (0.192) [2]	10.9 (0.206) [2]	9.09 (0.193) [2]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-1

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID			SAMPLE ID		
SW7060 - Arsenic (mg/kg)	005	005	005	05-SB-05	05-SB-05	005
	05-SB-05	05-SB-05	05-SB-05	05-SB-05-01	05-SB-05-02	05-SB-05-03
	0 - 2	4 - 6	6 - 8	0 - 2	4 - 6	10 - 12
	4.02 (0.0682) [1]	7.11 (0.203) [2]	6.34 (0.103) [1]	8.29 (0.159) [2]		
SW7421 - Lead (mg/kg)	3.01 (0.0804) [1]	6.67 (0.240) [2]	6.25 (0.243) [2]	5.00 (0.0934) [1]		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-2

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic (mg/kg) Arsenic	005	005	005	005	005	005
	05-SB-05	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06
	05-SB-05-04	05-SB-06-01	05-SB-06-02	05-SB-06-03	05-SB-06-03	05-SB-06-03
	14 - 16	0 - 2	4 - 6	8 - 10	8 - 10	8 - 10
SW7421 - Lead (mg/kg) Lead	7.09	(0.103)	[1]	33.7	(0.879)	[10]
	5.46	(0.122)	[1]	45.2	(1.04)	[10]
				5.41	(0.0929)	[1]
				11.8	(0.219)	[2]
				11.2	(0.187)	[2]
				9.00	(0.221)	[2]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
BEG. DEPTH - END DEPTH (FT.)																
SW7060 - Arsenic (mg/kg)	10.7	(	0.199)	[2]	6.76	(	0.117)	[2]	10.5	(	0.152)	[2]	7.35	(	0.124)	[2]
SW7421 - Lead (mg/kg)	7.62	(	0.234)	[2]	4.60	(	0.147)	[2]	287	(	7.65)	[100]	105	(	2.88)	[40]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-4

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)		005		005		005		005	
SW7060 - Arsenic (mg/kg)	0 - 0.5		05-SS-19		05-SS-20		05-SS-20-DS-01 Dup of		05-SS-21	
			05-SS-19-01		05-SS-20-01		05-SS-20-01		05-SS-21-01	
					0 - 0.5		0 - 0.5		0 - 0.5	
SW7421 - Lead (mg/kg)	9.74		(0.132)		[2]		5.75		(0.126)	
							[2]		5.40	
									(0.138)	
Lead	26.6		(0.820)		[10]		7.37		(0.227)	
									[4]	
									(0.295)	
									16.4	
									(0.771)	
									[10]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-5

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
	BEG. DEPTH - END DEPTH (FT.)															
	005				008				008				008			
	05-SS-22				06-SB-03				06-SB-03				06-SB-03			
	05-SS-22-01				06-SB-03-01				06-SB-03-02				06-SB-03-03			
	0 - 0.5				0 - 2				4 - 6				8 - 10			
SW7060 - Arsenic (mg/kg)	5.65	(	0.144)	[2]	7.51	(	0.126)	[2]	6.52	(	0.122)	[2]	8.23	(	0.163)	[2]
Arsenic	69.7	(	2.65)	[40]	76.8	(	1.76)	[20]	16.2	(	0.849)	[10]	19.0	(	0.455)	[4]
SW7421 - Lead (mg/kg)																
Lead																

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-6

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008	0 - 0.5	0 - 0.5
	06-SB-03	06-SB-03	06-SS-07	06-SS-08		
	06-SB-03-DS-03 Dup of	06-SB-03-04	06-SS-07-01	06-SS-08-01		
	06-SB-03-03					
SW7421 - Lead (mg/kg) Lead	8 - 10	14 - 16	0 - 0.5	0 - 0.5		
	8.01 (0.158) [2]	4.32 (0.119) [2]	5.93 (0.126) [2]	7.28 (0.132) [2]		
	17.6 (0.441) [4]	4.05 (0.165) [2]	469 (17.5) [200]	852 (18.4) [200]		

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008	008	008
	06-SS-09	06-SS-10	06-SS-11	06-SS-11	06-SS-11	06-SS-11
	06-SS-09-01	06-SS-10-01	06-SS-11-01	06-SS-11-01	06-SS-11-01	06-SS-11-01 Dup of
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7421 - Lead (mg/kg) Lead	9.68	(0.130) [2]	4.83	(0.129) [2]	5.70	(0.153) [2] 5.54 (0.125) [2]
	35.6	(0.904) [10]	30.6	(0.899) [10]	28.7	(1.07) [10] 49.1 S (1.74) [20]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID	LOCATION ID	LOCATION ID	SAMPLE ID	SAMPLE ID	SAMPLE ID

SW6010 - Metals (mg/kg)						
Aluminum	008	008	3	06-SS-12	06-SS-13	07-SD-03
Antimony	06-SS-12-01	06-SS-13-01	06-SS-14	0 - 0.5	0 - 0.5	0 - 0.5
Arsenic	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Barium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Beryllium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Cadmium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Calcium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Chromium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Cobalt	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Copper	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Iron	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Lead	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Magnesium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Manganese	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Molybdenum	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Nickel	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Potassium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Selenium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Silver	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Sodium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Thallium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Vanadium	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Zinc	NA	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5

Aluminum	4810	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Antimony	-1.91	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Arsenic	-3.36	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Barium	144	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Beryllium	0.154	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Cadmium	0.270	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Calcium	6070	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Chromium	11.4	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Cobalt	4.22	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Copper	16.6	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Iron	11700	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Lead	8.05	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Magnesium	3440	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Manganese	136	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Molybdenum	0.438	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Nickel	12.7	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Potassium	470	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Selenium	4.67	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Silver	-0.432	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Sodium	338	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Thallium	1.13	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Vanadium	19.7	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5
Zinc	59.9	NA	NA	0 - 0.5	0 - 0.5	0 - 0.5

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

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TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic, cont. (mg/kg) Arsenic	008	008	008	008	008	008
	06-SS-12	06-SS-13	06-SS-14	06-SS-14	06-SS-14	06-SS-14
	06-SS-12-01	06-SS-13-01	06-SS-14-01	06-SS-14-01	06-SS-14-01	06-SS-14-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7421 - Lead (mg/kg) Lead	11.4	(0.143)	[2]	10.8	(0.154)	[2]
	9.07	(0.141)	[2]	5.72	(0.172)	[2]
	16.0	S (0.999)	[10]	32.9	S (1.07)	[10]
SW7471 - Mercury (mg/kg) Mercury	16.0	S (0.999)	[10]	32.9	S (1.07)	[10]
	11.3	S (0.393)	[4]	8.90	(0.239)	[2]
	NA	NA	NA	0.0133	J (0.0160)	[1]
SW7740 - Selenium (mg/kg) Selenium	NA	NA	NA	NA	NA	NA
	0.337	(0.126)	[1]	0.337	(0.126)	[1]
	0.337	(0.126)	[1]	0.337	(0.126)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																				
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)												
	3				3				3												
	07-SD-03 07-SD-03-DS-01 Dup of 07-SD-03-01 0 - 0.5				07-SD-04 07-SD-04-01 0 - 0.5				07-SD-05 07-SD-05-01 0 - 0.5												
SW6010 - Metals (mg/kg)													0 - 0.5								
Aluminum	5700	(	7.46)	[1]	9580	(	20.1)	[1]	7190	(	17.6)	[1]	7190	(	17.2)	[1]				
Antimony	-3.08	JB	(	1.96)	[1]	-5.62	JB	(	5.29)	[1]	-7.74	JB	(	4.63)	[1]	-2.79	JB	(	4.53)	[1]
Arsenic	-2.61	J	(	1.61)	[1]	-7.33	J	(	4.33)	[1]	-1.75	J	(	3.79)	[1]	-3.12	J	(	3.71)	[1]
Barium	164	(	0.0589)	[1]	306	(	0.159)	[1]	391	(	0.139)	[1]	290	(	0.136)	[1]				
Beryllium	0.211	(	0.0599)	[1]	0.252	(	0.162)	[1]	0.161	(	0.141)	[1]	0.143	(	0.138)	[1]				
Cadmium	0.517	B	(	0.292)	[1]	0.546	JB	(	0.787)	[1]	0.295	JB	(	0.688)	[1]	0.610	JB	(	0.674)	[1]
Calcium	7550	(	24.2)	[1]	8470	(	65.3)	[1]	12700	(	57.1)	[1]	12000	(	55.9)	[1]				
Chromium	13.4	(	0.278)	[1]	20.7	(	0.749)	[1]	14.8	(	0.655)	[1]	14.1	(	0.641)	[1]				
Cobalt	4.59	(	0.531)	[1]	8.53	(	1.43)	[1]	4.21	(	1.25)	[1]	7.02	(	1.23)	[1]				
Copper	21.1	(	0.251)	[1]	24.4	(	0.678)	[1]	17.0	(	0.592)	[1]	15.5	(	0.580)	[1]				
Iron	13200	(	31.7)	[1]	20400	(	85.3)	[1]	35100	(	74.6)	[1]	24600	(	73.0)	[1]				
Lead	12.7	(2.51)	[1]	16.5	(6.78)	[1]	4.81	J	(5.92)	[1]	6.47	(5.80)	[1]				
Magnesium	4000	(	2.78)	[1]	5080	(	7.49)	[1]	3270	(	6.55)	[1]	3420	(	6.41)	[1]				
Manganese	145	(	0.0120)	[1]	137	(	0.0324)	[1]	248	(	0.0283)	[1]	257	(	0.0277)	[1]				
Molybdenum	0.637	(	0.267)	[1]	1.47	(	0.719)	[1]	1.14	(	0.628)	[1]	1.19	(	0.615)	[1]				
Nickel	15.9	(	1.11)	[1]	22.7	(	2.99)	[1]	13.4	(	2.61)	[1]	16.4	(	2.56)	[1]				
Potassium	525	(	35.2)	[1]	777	(	94.9)	[1]	402	(	83.0)	[1]	470	(	81.2)	[1]				
Selenium	4.30	J	(	4.50)	[1]	7.94	J	(	12.1)	[1]	7.71	J	(	10.6)	[1]	8.73	J	(	10.4)	[1]
Silver	-0.551	JB	(	0.186)	[1]	-1.17	JB	(	0.502)	[1]	-0.899	JB	(	0.439)	[1]	-0.735	JB	(	0.430)	[1]
Sodium	334	(	2.64)	[1]	1080	(	7.11)	[1]	838	(	6.21)	[1]	807	(	6.08)	[1]				
Thallium	1.16	JB	(	7.06)	[1]	-3.60	JB	(	19.0)	[1]	1.45	JB	(	16.6)	[1]	1.36	JB	(	16.3)	[1]
Vanadium	23.0	(	0.438)	[1]	31.9	(	1.18)	[1]	27.5	(	1.03)	[1]	25.4	(	1.01)	[1]				
Zinc	73.2	(	0.296)	[1]	132	(	0.798)	[1]	45.2	(	0.698)	[1]	45.0	(	0.683)	[1]				

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	3	07-SD-03	3	07-SD-04	3	07-SD-06
	07-SD-03-DS-01 Dup of		07-SD-04-01		07-SD-05-01	07-SD-06-01
SW7421 - Lead (mg/kg) Lead	07-SD-03-01					
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7471 - Mercury (mg/kg) Mercury	3.30 (0.165) [2]	8.41 (0.437) [2]	32.3 (0.443) [2]	15.1 (0.376) [2]		
	6.33 (0.115) [1]	14.8 (0.304) [1]	7.48 (0.308) [1]	6.74 (0.262) [1]		
SW7740 - Selenium (mg/kg) Selenium	0.0267 (0.0160) [1]	0.00 JB (0.0444) [1]	-0.00833 JB (0.0400) [1]	-0.00833 JB (0.0400) [1]		
	0.261 (0.121) [1]	0.940 (0.321) [1]	1.48 (0.325) [1]	0.548 (0.276) [1]		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	LOCATION ID						SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)																	
	3																	
SW6010 - Metals (mg/kg)	07-SD-07						07-SS-06						07A					
	07-SD-07-01						07-SS-06-01						07A-SB-01					
	0 - 0.5						0 - 0.5						07A-SB-01-01					
													0 - 1.5					

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic, cont. (mg/kg) Arsenic	3 07-SD-07 07-SO-07-01 0 - 0.5	3 07-SS-06 07-SS-06-01 0 - 0.5	3 07-SS-07 07-SS-07-01 0 - 0.5	07A 07A-SB-01 07A-SB-01-01 0 - 1.5
	8.71 (0.221) [2]	10.4 (0.161) [2]	8.04 (0.188) [2]	10.3 (0.460) [2]

SW7421 - Lead (mg/kg) Lead	7.58 (0.154) [1]	6.13 (0.112) [1]	6.46 (0.131) [1]	9.65 (0.531) [2]

SW7471 - Mercury (mg/kg) Mercury	-0.00431 JB (0.0207) [1]	0.0203 (0.0162) [1]	0.0143 J (0.0171) [1]	-0.0268 JB (0.0429) [1]

SW7740 - Selenium (mg/kg) Selenium	0.350 (0.163) [1]	-3.01 JB (0.118) [1]	1.29 (0.138) [1]	2.29 (0.286) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-14

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	LOCATION ID												
	SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)								
SW6010 - Metals (mg/kg)	07A				07A				07A				
	07A-SB-01				07A-SB-02				07A-SB-02				
	07A-SB-01-02				07A-SB-02-01				07A-SB-02-02				
	1.5 - 2.2				0.8 - 1.5				1.5 - 2				
	Aluminum	9950	(7.02)	[1]	3910	(8.54)	[1]	8640	(7.83)	[1]	7600	(7.12)	[1]
	Antimony	-1.78 JB	(1.85)	[1]	-2.15 JB	(2.25)	[1]	-1.45 JB	(2.06)	[1]	0.0942 JB	(1.88)	[1]
	Arsenic	2.26	(1.51)	[1]	-0.424 J	(1.84)	[1]	1.36 J	(1.69)	[1]	3.50	(1.54)	[1]
	Barium	215	(0.0555)	[1]	127	(0.0675)	[1]	141	(0.0619)	[1]	152	(0.0563)	[1]
	Beryllium	0.348	(0.0564)	[1]	0.0548 JB	(0.0686)	[1]	0.203	(0.0629)	[1]	0.243	(0.0572)	[1]
	Cadmium	0.142 JB	(0.275)	[1]	-0.0746 JB	(0.334)	[1]	0.119 JB	(0.307)	[1]	0.113 JB	(0.279)	[1]
	Calcium	4040	(22.8)	[1]	8370	(27.7)	[1]	3490	(25.4)	[1]	3410	(23.1)	[1]
	Chromium	18.5	(0.262)	[1]	8.08	(0.318)	[1]	16.3	(0.292)	[1]	14.4	(0.265)	[1]
	Cobalt	6.77	(0.500)	[1]	4.37	(0.608)	[1]	4.38	(0.558)	[1]	3.71	(0.507)	[1]
	Copper	15.1	(0.237)	[1]	7.18	(0.288)	[1]	10.6	(0.264)	[1]	9.77	(0.240)	[1]
	Iron	12200	(29.8)	[1]	11200	(36.2)	[1]	10200	(33.2)	[1]	8450	(30.2)	[1]
Lead	7.96	(2.37)	[1]	2.85 J	(2.88)	[1]	7.43	(2.64)	[1]	6.29	(2.40)	[1]	
Magnesium	2640	(2.62)	[1]	1830	(3.18)	[1]	2740	(2.92)	[1]	2150	(2.65)	[1]	
Manganese	147	(0.0113)	[1]	768	(0.0138)	[1]	148	(0.0126)	[1]	149	(0.0115)	[1]	
Molybdenum	0.579	(0.251)	[1]	0.766	(0.305)	[1]	0.252 JB	(0.280)	[1]	0.554 B	(0.255)	[1]	
Nickel	18.1	(1.04)	[1]	10.5	(1.27)	[1]	12.2	(1.16)	[1]	11.2	(1.06)	[1]	
Potassium	322	(33.2)	[1]	177	(40.3)	[1]	360	(37.0)	[1]	248	(33.6)	[1]	
Selenium	6.16	(4.23)	[1]	4.54 J	(5.15)	[1]	3.84 J	(4.72)	[1]	1.41 J	(4.29)	[1]	
Silver	-0.444 JB	(0.175)	[1]	-0.359 JB	(0.213)	[1]	-0.312 JB	(0.196)	[1]	-0.162 JB	(0.178)	[1]	
Sodium	107	(2.48)	[1]	89.6	(3.02)	[1]	95.0	(2.77)	[1]	81.5	(2.52)	[1]	
Thallium	0.0364 JB	(6.65)	[1]	0.678 JB	(8.09)	[1]	-1.23 JB	(7.41)	[1]	-2.73 JB	(6.74)	[1]	
Vanadium	40.7	(0.412)	[1]	13.8	(0.501)	[1]	25.6	(0.459)	[1]	23.5	(0.418)	[1]	
Zinc	36.4	(0.279)	[1]	18.0	(0.339)	[1]	28.9	(0.311)	[1]	22.4	(0.283)	[1]	

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R = Invalid Result, Refer to QC Report

A10-15

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
	BEG. DEPTH - END DEPTH (FT.)		07A		07A		07A		07A		07A	
	07A-SB-01	07A-SB-02	07A-SB-01-02	07A-SB-02-01	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02 Dup of
	1.5 - 2.2	0.8 - 1.5	1.5 - 2	0.8 - 1.5	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
SW7060 - Arsenic (mg/kg)	4.46	(0.176)	[2]	3.68	(0.224)	[2]	2.64	(0.0989)	[1]	5.90	(0.187)	[2]
SW7421 - Lead (mg/kg)	7.88	(0.433)	[4]	5.05	(0.253)	[2]	6.63	(0.228)	[2]	6.13	(0.450)	[4]
SW7471 - Mercury (mg/kg)	-0.0176	JB (0.0169)	[1]	-0.0154	JB (0.0185)	[1]	-0.0556	JB (0.0167)	[1]	0.00342	JB (0.0164)	[1]
SW7740 - Selenium (mg/kg)	3.26	(0.110)	[1]	0.865	(0.139)	[1]	2.29	(0.123)	[1]	2.34	(0.116)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result Refer to QC Report

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-16

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	07A	07A	07A	07A	07A	07A	07A	07A	07A	07A	07A	07A
SW6010 - Metals (mg/kg)												
Aluminum	6330	(7.75)	[1]	2470	(47.7)	[1]	NA	008	09-SB-01	008	09-SB-01-02	NA
Antimony	-4.34 JB	(2.04)	[1]	-18.0 JB	(12.6)	[1]	NA	09-SB-01	09-SB-01-01	09-SB-01	09-SB-01-02	NA
Arsenic	-1.57 J	(1.67)	[1]	-92.4 J	(10.3)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Barium	134	(0.0612)	[1]	1940	(0.377)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Beryllium	0.145	(0.0623)	[1]	0.254 J	(0.383)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Cadmium	0.258 JB	(0.304)	[1]	1.68 J	(1.87)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Calcium	6170	(25.2)	[1]	29600	(155)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Chromium	13.8	(0.289)	[1]	6.94	(1.78)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Cobalt	6.11	(0.552)	[1]	86.6	(3.40)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Copper	10.7	(0.261)	[1]	9.02	(1.61)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Iron	14400	(32.9)	[1]	136000	(202)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Lead	6.88	(2.61)	[1]	14.3 J	(16.1)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Magnesium	4470	(2.89)	[1]	4640	(17.8)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Manganese	454	(0.0125)	[1]	28100	(0.0768)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Molybdenum	0.680	(0.277)	[1]	5.85	(1.71)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Nickel	18.2	(1.15)	[1]	29.8	(7.10)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Potassium	420	(36.6)	[1]	1060	(225)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Selenium	5.88	(4.68)	[1]	70.2	(28.8)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Silver	-0.500 JB	(0.194)	[1]	-0.449 JB	(1.19)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Sodium	161	(2.74)	[1]	301	(16.9)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Thallium	-0.250 JB	(7.34)	[1]	-19.1 JB	(45.2)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Vanadium	25.4	(0.455)	[1]	17.0	(2.80)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
Zinc	37.5	(0.308)	[1]	78.0	(1.89)	[1]	NA	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02	NA
SW7060 - Arsenic (mg/kg)												

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)		07A		07A		008		008	
	07A-SS-01	07A-SS-02	07A-SS-01-01	07A-SS-02-01	09-SB-01	09-SB-01-01	09-SB-01-02	09-SB-01-02	09-SB-01-02	09-SB-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5
SW7060 - Arsenic, cont. (mg/kg)										
Arsenic	7.38	(0.189)	[2]	14.9	(0.580)	[1]	3.99	(0.139)	[2]	7.51 (0.135) [2]
SW7421 - Lead (mg/kg)										
Lead	5.97	(0.234)	[2]	1.17 B	(0.257)	[1]	2080	(38.7)	[400]	10.5 (0.373) [4]
SW7471 - Mercury (mg/kg)										
Mercury	-0.0254 JB	(0.0174)	[1]	0.0417 J	(0.100)	[1]	NA			NA
SW7740 - Selenium (mg/kg)										
Selenium	2.34	(0.118)	[1]	2.11	(0.721)	[1]	NA			NA

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

SW7060 - Arsenic (mg/kg)	9.11 (0.134) [2]	5.71 (0.142) [2]	4.63 (0.0807) [1]	10.9 (0.193) [2]
SW7421 - Lead (mg/kg)	12.2 (0.374) [4]	4.67 (0.395) [4]	9.81 (0.190) [2]	8.81 (0.228) [2]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
-----	008	008	008	008
	10-SB-04	10-SB-04	10-SB-05	10-SB-05
	10-SB-04-03	10-SB-04-04	10-SB-05-01	10-SB-05-02
	7 - 9	10 - 12	0 - 2	3 - 5
	-----	-----	-----	-----
SW7060 - Arsenic (mg/kg)	3.91 (0.0803) [1]	3.80 (0.0721) [1]	12.0 (0.242) [4]	10.1 (0.146) [2]
Arsenic				
SW7421 - Lead (mg/kg)	3.15 (0.0946) [1]	3.56 (0.0850) [1]	12.5 (0.264) [4]	12.2 (0.305) [4]
Lead				

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-20

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic (mg/kg)	008	10-SB-05	10-SB-05-02 Dup of 10-SB-05-02	008	10-SB-05	008
SW7421 - Lead (mg/kg)	008	10-SB-05	10-SB-05-03	008	10-SB-05-04	008
Lead	008	10-SB-05	10-SB-05-01	008	10-SB-05-01	008

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-21

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg) Arsenic	008 10-SS-08 10-SS-08-01 0 - 0.5	008 10-SS-09 10-SS-09-01 0 - 0.5	008 10-SS-09-DS-01 Dup of 10-SS-09-01 0 - 0.5	008 10-SS-10 10-SS-10-01 0 - 0.5
	5.42 (0.128) [2]	7.74 (0.116) [2]	5.08 (0.134) [2]	10.8 (0.223) [4]
	29.5 (0.549) [8]	27.4 (0.498) [8]	31.1 (0.592) [8]	18.3 (0.240) [4]
SW7421 - Lead (mg/kg) Lead				

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	008	10-SS-11 0 - 0.5	008	10-SS-12 0 - 0.5	5.13 (0.110) [2]	29.0 (0.612) [8]
SW7421 - Lead (mg/kg) Lead	008	10-SS-11 0 - 0.5	008	10-SS-12 0 - 0.5	16.4 (0.235) [4]	40.1 (1.19) [10]
	008	11-SS-03 0 - 0.5	008	11-SS-02 0 - 0.5	7.30 (0.158) [2]	43.2 (1.16) [10]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

A10-23

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)															
SW7060 - Arsenic (mg/kg)	8.09	(0.147	[2]	7.41	(0.146	[2]	249	(6.78	[80]	10.3	(0.168	[2]
Arsenic	18.2	(0.445	[4]	20.6	(0.383	[4]	361	(9.24	[80]	12.9	(0.396	[4]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-24

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	
	11-SS-08	11-SS-09	11-SS-10	
	11-SS-08-01	11-SS-09-01	11-SS-10-01	
	0 - 0.5	0 - 0.5	0 - 0.5	
SW7421 - Lead (mg/kg) Lead	4.96 (0.0764) [1]	4.26 (0.0735) [1]	6.29 (0.151) [2]	
	5.19 (0.381) [4]	5.01 (0.324) [4]	30.3 (1.15) [10]	

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												
Percent Solid (percent)	17.4	(0)	[1]	15.1	(0)	[1]	19.6	(0)	[1]	18.4	(0)	[1]
Percent moisture	355	(23.5)	[100]	9.07 P	(2.29)	[10]	ND	(24.1)	[100]	122 PJ	(238)	[1000]
SW8080 - Organochlorine Pesticides and PCBs	55.4	(24.7)	[100]	17.8	(2.4)	[10]	655	(25.3)	[100]	1760	(249)	[1000]
4,4'-DDD	1260	(26.5)	[100]	155	(2.57)	[10]	968	(27.1)	[100]	21400	(267)	[1000]
4,4'-DDE	ND	(21.3)	[100]	0.812 KJ	(3.4)	[10]	ND	(21.8)	[100]	ND	(215)	[1000]
4,4'-DDT	ND	(37.6)	[100]	ND	(3.65)	[10]	ND	(38.5)	[100]	ND	(380)	[1000]
Aldrin	ND	(25.6)	[100]	1.64 KJ	(1.68)	[10]	ND	(26.2)	[100]	ND	(259)	[1000]
Chlordane	ND	(12.4)	[100]	ND	(1.2)	[10]	ND	(12.7)	[100]	ND	(125)	[1000]
Dieldrin	ND	(27.4)	[100]	ND	(2.66)	[10]	ND	(28)	[100]	ND	(277)	[1000]
Endosulfan I	ND	(53.7)	[100]	ND	(5.22)	[10]	ND	(54.9)	[100]	ND	(542)	[1000]
Endosulfan II	ND	(44)	[100]	ND	(4.28)	[10]	31.6 KJ	(43)	[100]	ND	(444)	[1000]
Endosulfan Sulfate	ND	(23.4)	[100]	ND	(2.28)	[10]	ND	(24)	[100]	ND	(237)	[1000]
Endrin	ND	(10.9)	[100]	ND	(1.06)	[10]	ND	(11.2)	[100]	ND	(110)	[1000]
Endrin Aldehyde	ND	(13.4)	[100]	ND	(1.3)	[10]	ND	(13.7)	[100]	ND	(135)	[1000]
Heptachlor	ND	(162)	[100]	ND	(15.8)	[10]	ND	(166)	[100]	ND	(1640)	[1000]
Heptachlor epoxide	ND	(222)	[100]	ND	(21.6)	[10]	ND	(227)	[100]	ND	(2240)	[1000]
Methoxychlor	ND	(296)	[100]	ND	(28.8)	[10]	ND	(304)	[100]	ND	(3000)	[1000]
PCB-1016	ND	(512)	[100]	ND	(49.8)	[10]	ND	(525)	[100]	ND	(5180)	[1000]
PCB-1221	ND	(209)	[100]	ND	(20.3)	[10]	ND	(214)	[100]	ND	(2110)	[1000]
PCB-1232	ND	(111)	[100]	ND	(10.8)	[10]	ND	(114)	[100]	ND	(1130)	[1000]
PCB-1242	ND	(160)	[100]	ND	(15.6)	[10]	ND	(164)	[100]	ND	(1620)	[1000]
PCB-1248	ND	(212)	[100]	ND	(20.6)	[10]	ND	(217)	[100]	ND	(2140)	[1000]
PCB-1254	ND	(136)	[100]	ND	(13.3)	[10]	ND	(140)	[100]	ND	(1380)	[1000]
PCB-1260	ND	(8.19)	[100]	ND	(0.796)	[10]	ND	(8.38)	[100]	ND	(82.8)	[1000]
Toxaphene	ND	(26.8)	[100]	ND	(2.6)	[10]	ND	(27.4)	[100]	ND	(271)	[1000]
alpha-BHC	ND	(14.6)	[100]	ND	(1.42)	[10]	ND	(15)	[100]	ND	(148)	[1000]
beta-BHC												
delta-BHC												

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-1

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	LOCATION ID												
	SAMPLE ID												
	BEG. DEPTH - END DEPTH (FT.)												
	008 BLM BLM-01 0 - 0.3	008 BLM BLM-02 0 - 0.3	008 BLM BLM-03 0 - 0.3	008 BLM BLM-04 0 - 0.3									
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)	ND (13)	[100]	0.552 PJB (1.26)	[10]	ND (13.3)	[100]	ND (131)	[1000]					
gamma-BHC(Lindane)	ND												
SW8240 - Volatile Organics (ug/kg)	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,1,1-Trichloroethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,1,2,2-Tetrachloroethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,1,2-Trichloroethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,1-Dichloroethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,1-Dichloroethene	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,2-Dichloroethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
1,2-Dichloropropane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
2-Butanone(MEK)	ND (40)	[1]	ND (30)	[1]	ND (30)	[1]	ND (600)	[1]					
2-Chloroethyl vinyl ether	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
2-Hexanone	ND (40)	[1]	ND (30)	[1]	ND (30)	[1]	ND (600)	[1]					
4-Methyl-2-pentanone(MIBK)	ND (40)	[1]	ND (30)	[1]	ND (30)	[1]	ND (600)	[1]					
Acetone	ND (100)	[1]	1 JB (100)	[1]	5 JB (100)	[1]	ND (3000)	[1]					
Benzene	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Bromodichloromethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Bromomethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Carbon disulfide	ND (10)	[1]	ND (10)	[1]	ND (10)	[1]	ND (300)	[1]					
Carbon tetrachloride	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Chlorobenzene	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Chloroethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Chloroform	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Chloromethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Dibromochloromethane	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Ethylbenzene	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Methylene chloride	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					
Styrene	ND (7)	[1]	ND (6)	[1]	ND (6)	[1]	ND (100)	[1]					

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-2

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID									
LOCATION ID									
SAMPLE ID									
BEG. DEPTH - END DEPTH (FT.)									
PARAMETER									
SW8240 - Volatile Organics, cont. (ug/kg)									
Tetrachloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Toluene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Tribromomethane(Bromoform)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Trichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Vinyl acetate	ND	(70)	[1]	ND	(60)	[1]	ND	(60)	[1]
Vinyl chloride	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
cis-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
cis-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
m & p-Xylene	ND	(30)	[1]	ND	(20)	[1]	ND	(20)	[1]
o-Xylene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]
trans-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
trans-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
SW8270 - Semivolatile Organics (mg/kg)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
1,2,4-Trichlorobenzene	ND	(0.119)	[5]	ND	(0.0231)	[1]	ND	(0.0244)	[1]
1,2-Dichlorobenzene	ND	(0.157)	[5]	ND	(0.0304)	[1]	ND	(0.0322)	[1]
1,3-Dichlorobenzene	ND	(0.0796)	[5]	ND	(0.0155)	[1]	ND	(0.0164)	[1]
1,4-Dichlorobenzene	ND	(0.162)	[5]	ND	(0.0315)	[1]	ND	(0.0334)	[1]
2,4,5-Trichloropheno]	ND	(0.0663)	[5]	ND	(0.0129)	[1]	ND	(0.0136)	[1]
2,4,6-Trichloropheno]	ND	(0.0702)	[5]	ND	(0.0136)	[1]	ND	(0.0144)	[1]
2,4-Dichloropheno]	ND	(0.0891)	[5]	ND	(0.0173)	[1]	ND	(0.0183)	[1]
2,4-Dimethylpheno]	ND	(0.221)	[5]	ND	(0.0429)	[1]	ND	(0.0455)	[1]
2,4-Dinitrophenol	ND	(1.41)	[5]	ND	(0.273)	[1]	ND	(0.289)	[1]
2,4-Dinitrotoluene	ND	(0.111)	[5]	ND	(0.0215)	[1]	ND	(0.0227)	[1]
2,6-Dinitrotoluene	ND	(0.0696)	[5]	ND	(0.0135)	[1]	ND	(0.0143)	[1]
2-Chloronaphthalene	ND	(0.0651)	[5]	ND	(0.0126)	[1]	ND	(0.0134)	[1]
2-Chloropheno]	ND	(0.154)	[5]	ND	(0.0298)	[1]	ND	(0.0316)	[1]
2-Methylnaphthalene	ND	(0.133)	[5]	ND	(0.0258)	[1]	ND	(0.0273)	[1]
SW8240 - Volatile Organics, cont. (ug/kg)									
Tetrachloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Toluene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Tribromomethane(Bromoform)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Trichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Vinyl acetate	ND	(70)	[1]	ND	(60)	[1]	ND	(60)	[1]
Vinyl chloride	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
cis-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
cis-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
m & p-Xylene	ND	(30)	[1]	ND	(20)	[1]	ND	(20)	[1]
o-Xylene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]
trans-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
trans-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
SW8270 - Semivolatile Organics (mg/kg)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
1,2,4-Trichlorobenzene	ND	(0.119)	[5]	ND	(0.0231)	[1]	ND	(0.0244)	[1]
1,2-Dichlorobenzene	ND	(0.157)	[5]	ND	(0.0304)	[1]	ND	(0.0322)	[1]
1,3-Dichlorobenzene	ND	(0.0796)	[5]	ND	(0.0155)	[1]	ND	(0.0164)	[1]
1,4-Dichlorobenzene	ND	(0.162)	[5]	ND	(0.0315)	[1]	ND	(0.0334)	[1]
2,4,5-Trichloropheno]	ND	(0.0663)	[5]	ND	(0.0129)	[1]	ND	(0.0136)	[1]
2,4,6-Trichloropheno]	ND	(0.0702)	[5]	ND	(0.0136)	[1]	ND	(0.0144)	[1]
2,4-Dichloropheno]	ND	(0.0891)	[5]	ND	(0.0173)	[1]	ND	(0.0183)	[1]
2,4-Dimethylpheno]	ND	(0.221)	[5]	ND	(0.0429)	[1]	ND	(0.0455)	[1]
2,4-Dinitrophenol	ND	(1.41)	[5]	ND	(0.273)	[1]	ND	(0.289)	[1]
2,4-Dinitrotoluene	ND	(0.111)	[5]	ND	(0.0215)	[1]	ND	(0.0227)	[1]
2,6-Dinitrotoluene	ND	(0.0696)	[5]	ND	(0.0135)	[1]	ND	(0.0143)	[1]
2-Chloronaphthalene	ND	(0.0651)	[5]	ND	(0.0126)	[1]	ND	(0.0134)	[1]
2-Chloropheno]	ND	(0.154)	[5]	ND	(0.0298)	[1]	ND	(0.0316)	[1]
2-Methylnaphthalene	ND	(0.133)	[5]	ND	(0.0258)	[1]	ND	(0.0273)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-3

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID										
LOCATION ID										
SAMPLE ID										
BEG. DEPTH - END DEPTH (FT.)										
PARAMETER										

SW8270 - Semivolatile Organics, cont. (mg/kg)										
2-Methylphenol (o-cresol)	ND	(0.107)	[5]	ND	(0.0208)	[1]	ND	(0.0221)	[1]	ND
2-Nitroaniline	ND	(0.0808)	[5]	ND	(0.0157)	[1]	ND	(0.0166)	[1]	ND
2-Nitrophenol	ND	(0.0885)	[5]	ND	(0.0172)	[1]	ND	(0.0182)	[1]	ND
3,3'-Dichlorobenzidine	ND	(0.0985)	[5]	ND	(0.0191)	[1]	ND	(0.0203)	[1]	ND
3-Nitroaniline	ND	(0.102)	[5]	ND	(0.0199)	[1]	ND	(0.021)	[1]	ND
4,6-Dinitro-2-methylphenol	ND	(0.159)	[5]	ND	(0.0309)	[1]	ND	(0.0327)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.0917)	[5]	ND	(0.0178)	[1]	ND	(0.0189)	[1]	ND
4-Chloro-3-methylphenol	ND	(0.145)	[5]	ND	(0.0282)	[1]	ND	(0.0299)	[1]	ND
4-Chloroaniline	ND	(0.112)	[5]	ND	(0.0218)	[1]	ND	(0.0231)	[1]	ND
4-Chlorophenyl phenyl ether	ND	(0.106)	[5]	ND	(0.0206)	[1]	ND	(0.0218)	[1]	ND
4-Methylphenol(p-cresol)	ND	(0.116)	[5]	ND	(0.0224)	[1]	ND	(0.0238)	[1]	ND
4-Nitroaniline	ND	(0.0973)	[5]	ND	(0.0189)	[1]	ND	(0.02)	[1]	ND
4-Nitrophenol	ND	(0.139)	[5]	ND	(0.027)	[1]	ND	(0.0286)	[1]	ND
Acenaphthene	ND	(0.0961)	[5]	ND	(0.0187)	[1]	ND	(0.0198)	[1]	ND
Acenaphthylene	ND	(0.0454)	[5]	ND	(0.00882)	[1]	ND	(0.00934)	[1]	ND
Anthracene	0.146	(0.117)	[5]	ND	(0.0227)	[1]	ND	(0.024)	[1]	ND
Benzo(a)anthracene	0.422	(0.104)	[5]	ND	(0.0201)	[1]	0.0206 J	(0.0213)	[1]	ND
Benzo(a)pyrene	0.452	(0.077)	[5]	0.013 J	(0.0149)	[1]	0.0194	(0.0158)	[1]	0.00958 J
Benzo(b)fluoranthene	0.788 F	(0.114)	[5]	0.0183 FJ	(0.0222)	[1]	0.0327 F	(0.0235)	[1]	0.0147 FJ
Benzo(g,h,i)perylene	0.346	(0.0979)	[5]	0.0101 J	(0.019)	[1]	0.0145 J	(0.0201)	[1]	0.0101 J
Benzo(k)fluoranthene	0.788 F	(0.195)	[5]	0.0183 FJ	(0.0378)	[1]	0.0327 FJ	(0.04)	[1]	0.0147 FJ
Benzoic acid	ND	(0.796)	[5]	ND	(0.155)	[1]	0.339	(0.164)	[1]	0.122 J
Benzyl alcohol	ND	(0.217)	[5]	ND	(0.0421)	[1]	0.33	(0.0447)	[1]	0.246
Butylbenzylphthalate	ND	(0.079)	[5]	ND	(0.0153)	[1]	ND	(0.0162)	[1]	ND
Chrysene	0.478	(0.134)	[5]	0.0109 J	(0.0261)	[1]	0.0193 J	(0.0277)	[1]	ND
Di-n-butylphthalate	ND	(0.0991)	[5]	ND	(0.0192)	[1]	ND	(0.0204)	[1]	ND
Di-n-octylphthalate	ND	(0.183)	[5]	ND	(0.0356)	[1]	ND	(0.0377)	[1]	ND

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-4

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	008	008	008	008	008	008	008	008	008	008
	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM
	BLM-01	BLM-02	BLM-03	BLM-04	BLM-05	BLM-06	BLM-07	BLM-08	BLM-09	BLM-10
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3
SW8270 - Semivolatile Organics, cont. (mg/kg)										
Dibenz(a,h)anthracene	0.0945 J	(0.0953)	ND	(0.0185)	[1]	ND	(0.0196)	[1]	ND	(0.0193)
Dibenzofuran	ND	(0.082)	ND	(0.0159)	[1]	ND	(0.0169)	[1]	ND	(0.0166)
Diethylphthalate	ND	(0.0675)	ND	(0.0131)	[1]	ND	(0.0139)	[1]	ND	(0.0137)
Dimethylphthalate	ND	(0.0563)	ND	(0.0109)	[1]	ND	(0.0116)	[1]	ND	(0.0114)
Diphenylamine/N-NitrosodPA	ND	(0.114)	ND	(0.0221)	[1]	ND	(0.0234)	[1]	ND	(0.0231)
Fluoranthene	0.746	(0.128)	0.0118 J	(0.0249)	[1]	0.0262 J	(0.0264)	[1]	0.0104 J	(0.026)
Fluorene	ND	(0.0675)	ND	(0.0131)	[1]	ND	(0.0139)	[1]	ND	(0.0137)
Hexachlorobenzene	ND	(0.047)	ND	(0.00913)	[1]	ND	(0.00968)	[1]	ND	(0.00954)
Hexachlorobutadiene	ND	(0.14)	ND	(0.0272)	[1]	ND	(0.0289)	[1]	ND	(0.0285)
Hexachlorocyclopentadiene	ND	(1.79)	ND	(0.348)	[1]	ND	(0.369)	[1]	ND	(0.364)
Hexachloroethane	ND	(0.119)	ND	(0.0232)	[1]	ND	(0.0246)	[1]	ND	(0.0242)
Indeno(1,2,3-cd)pyrene	0.318	(0.106)	ND	(0.0205)	[1]	0.0143 J	(0.0217)	[1]	ND	(0.0214)
Isophorone	ND	(0.0577)	ND	(0.0112)	[1]	ND	(0.0119)	[1]	ND	(0.0117)
N-Nitroso-di-n-propylamine	ND	(0.151)	ND	(0.0293)	[1]	ND	(0.0311)	[1]	ND	(0.0306)
Naphthalene	ND	(0.147)	ND	(0.0284)	[1]	ND	(0.0301)	[1]	ND	(0.0297)
Nitrobenzene	ND	(0.106)	ND	(0.0206)	[1]	ND	(0.0218)	[1]	ND	(0.0215)
Pentachloropheno]	ND	(0.174)	ND	(0.0337)	[1]	ND	(0.0357)	[1]	ND	(0.0352)
Phenanthrene	0.408	(0.125)	ND	(0.0243)	[1]	0.00997 JB	(0.0257)	[1]	ND	(0.0254)
Pheno]	ND	(0.0802)	ND	(0.0156)	[1]	ND	(0.0165)	[1]	ND	(0.0163)
Pyrene	0.708	(0.0941)	0.0118 J	(0.0183)	[1]	0.0292	(0.0194)	[1]	0.00852 J	(0.0191)
bis(2-Chloroethoxy)methane	ND	(0.113)	ND	(0.0219)	[1]	ND	(0.0232)	[1]	ND	(0.0229)
bis(2-Chloroethyl)ether	ND	(0.147)	ND	(0.0286)	[1]	ND	(0.0303)	[1]	ND	(0.0299)
bis(2-Chloroisopropyl)ether	ND	(0.146)	ND	(0.0283)	[1]	ND	(0.03)	[1]	ND	(0.0296)
bis(2-Ethylhexyl)phthalate	ND	(0.368)	0.0527 J	(0.0714)	[1]	0.0451 J	(0.0757)	[1]	ND	(0.0746)
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	720	(472)	ND	(459)	[10]	ND	(485)	[10]	ND	(478)
Acenaphthylene	505 J	(908)	ND	(883)	[10]	ND	(933)	[10]	ND	(919)

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

* -

Value considered suspect, Refer to QC Report

A11-5

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	008	008	008	008	008	008	008	008	008	008
	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM
	BLM-01	BLM-02	BLM-03	BLM-04	BLM-05	BLM-06	BLM-07	BLM-08	BLM-09	BLM-10
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)										
Anthracene	ND	(278)	[10]	ND	(271)	[10]	ND	(286)	[10]	ND
Benzo(a)anthracene	106	(8.35)	[10]	ND	(8.13)	[10]	ND	(8.58)	[10]	9.79
Benzo(a)pyrene	106	(25.4)	[10]	2.33 JB	(24.7)	[10]	4.12 JB	(26.1)	[10]	16.5 J
Benzo(b)fluoranthene	74.8	(40)	[10]	ND	(38.9)	[10]	ND	(41)	[10]	13.4 J
Benzo(g,h,i)perylene	894	(72.6)	[10]	0.171 JB	(70.7)	[10]	ND	(74.6)	[10]	7.61 J
Benzo(k)fluoranthene	16.1 B	(7.99)	[10]	ND	(7.77)	[10]	3.89 JB	(8.21)	[10]	8.88 B
Chrysene	549	(145)	[10]	ND	(141)	[10]	ND	(149)	[10]	11.6 J
Dibenz(a,h)anthracene	377	(19.4)	[10]	ND	(18.8)	[10]	ND	(19.9)	[10]	0.437 JB
Fluoranthene	53.8 J	(254)	[10]	ND	(247)	[10]	ND	(261)	[10]	ND
Fluorene	ND	(69)	[10]	ND	(67.1)	[10]	ND	(70.9)	[10]	ND
Indeno(1,2,3-cd)pyrene	181 B	(26.6)	[10]	ND	(25.9)	[10]	ND	(27.4)	[10]	ND
Naphthalene	ND	(2180)	[10]	ND	(2120)	[10]	ND	(2240)	[10]	ND
Phenanthrene	ND	(508)	[10]	ND	(495)	[10]	ND	(522)	[10]	ND
Pyrene	95.1 J	(303)	[10]	ND	(294)	[10]	ND	(311)	[10]	ND

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-6

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	005	005		
	DRM	DRM		
	DRM-01	DRM-02		
	0 - 0.3	0 - 0.3		
Percent Solid (percent)				
Percent moisture	3.56	(0)	6.04	(0)
SW8080 - Organochlorine Pesticides and PCBs	(ug/kg)			
4,4'-DDD	ND	(0.202)	0.594 P	(0.207)
4,4'-DDE	ND	(0.212)	1.96	(0.217)
4,4'-DDT	ND	(0.227)	17.7	(0.232)
Aldrin	0.105 J	(0.183)	0.0774 KJ	(0.307)
Chlordane	ND	(0.322)	ND	(0.33)
Dieldrin	0.104 JB	(0.219)	0.198 J	(0.225)
Endosulfan I	ND	(0.106)	ND	(0.109)
Endosulfan II	ND	(0.235)	ND	(0.241)
Endosulfan Sulfate	0.304 KJ	(1.11)	0.363 KJ	(1.13)
Endrin	0.0406 KJ	(0.359)	ND	(0.386)
Endrin Aldehyde	ND	(0.201)	ND	(0.206)
Heptachlor	ND	(0.0937)	ND	(0.096)
Heptachlor epoxide	ND	(0.115)	ND	(0.118)
Methoxychlor	ND	(1.39)	ND	(1.42)
PCB-1016	ND	(1.9)	ND	(1.95)
PCB-1221	ND	(2.54)	ND	(2.6)
PCB-1232	ND	(4.39)	ND	(4.5)
PCB-1242	ND	(1.79)	ND	(1.83)
PCB-1248	ND	(0.954)	ND	(0.978)
PCB-1254	ND	(1.37)	ND	(1.41)
PCB-1260	ND	(1.82)	ND	(1.86)
Toxaphene	ND	(1.17)	ND	(1.2)
alpha-BHC	0.0929 P	(0.0702)	ND	(0.0719)
beta-BHC	ND	(0.23)	ND	(0.235)
delta-BHC	ND	(0.0864)	0.013 KJ	(0.128)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A11-7

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)				
0.291 B	(0.111)	0.246 B	(0.114)	[1]
gamma-BHC(Lindane)				
SW8240 - Volatile Organics (ug/kg)				
1,1,1-Trichloroethane	ND (5)	ND (6)		[1]
1,1,2,2-Tetrachloroethane	ND (5)	ND (6)		[1]
1,1,2-Trichloroethane	ND (5)	ND (6)		[1]
1,1-Dichloroethane	ND (5)	ND (6)		[1]
1,1-Dichloroethene	ND (5)	ND (6)		[1]
1,2-Dichloroethane	ND (5)	ND (6)		[1]
1,2-Dichloropropane	ND (5)	ND (6)		[1]
2-Butanone(MEK)	ND (30)	ND (30)		[1]
2-Chloroethyl vinyl ether	ND (5)	ND (6)		[1]
2-Hexanone	ND (30)	ND (30)		[1]
4-Methyl-2-pentanone(MIBK)	ND (30)	ND (30)		[1]
Acetone	ND (100)	ND (100)		[1]
Benzene	ND (5)	ND (6)		[1]
Bromodichloromethane	ND (5)	ND (6)		[1]
Bromomethane	ND (5)	ND (6)		[1]
Carbon disulfide	ND (10)	ND (10)		[1]
Carbon tetrachloride	ND (5)	ND (6)		[1]
Chlorobenzene	ND (5)	ND (6)		[1]
Chloroethane	ND (5)	ND (6)		[1]
Chloroform	ND (5)	ND (6)		[1]
Chloromethane	ND (5)	ND (6)		[1]
Dibromochloromethane	ND (5)	ND (6)		[1]
Ethylbenzene	ND (5)	ND (6)		[1]
Methylene chloride	ND (5)	ND (6)		[1]
Styrene	ND (5)	ND (6)		[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-8

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID			
PARAMETER	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
SW8240 - Volatile Organics, cont. (ug/kg)	005	005	
Tetrachloroethene	ND	(5)	[1]
Toluene	ND	(5)	[1]
Tribromomethane(Bromoform)	ND	(5)	[1]
Trichloroethene	ND	(5)	[1]
Vinyl acetate	ND	(50)	[1]
Vinyl chloride	ND	(5)	[1]
cis-1,2-Dichloroethene	ND	(5)	[1]
cis-1,3-Dichloropropene	ND	(5)	[1]
m & p-Xylene	ND	(20)	[1]
o-Xylene	ND	(10)	[1]
trans-1,2-Dichloroethene	ND	(5)	[1]
trans-1,3-Dichloropropene	ND	(5)	[1]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5)	[1]
1,2,4-Trichlorobenzene	ND	(0.0204)	[1]
1,2-Dichlorobenzene	ND	(0.0269)	[1]
1,3-Dichlorobenzene	ND	(0.0137)	[1]
1,4-Dichlorobenzene	ND	(0.0279)	[1]
2,4,5-Trichloropheno]	ND	(0.0114)	[1]
2,4,6-Trichloropheno]	ND	(0.012)	[1]
2,4-Dichloropheno]	ND	(0.0153)	[1]
2,4-Dimethylpheno]	ND	(0.038)	[1]
2,4-Dinitrophenol	ND	(0.242)	[1]
2,4-Dinitrotoluene	ND	(0.019)	[1]
2,6-Dinitrotoluene	ND	(0.0119)	[1]
2-Chloronaphthalene	ND	(0.0112)	[1]
2-Chloropheno]	ND	(0.0264)	[1]
2-Methylnaphthalene	ND	(0.0228)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-9

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8270 - Semivolatile Organics, cont. (mg/kg)

2-Methylphenol (o-cresol)	ND	(0.0184)	[1]	ND	(0.0188)	[1]
2-Nitroaniline	ND	(0.0139)	[1]	ND	(0.0142)	[1]
2-Nitrophenol	ND	(0.0152)	[1]	ND	(0.0155)	[1]
3,3'-Dichlorobenzidine	ND	(0.0169)	[1]	ND	(0.0173)	[1]
3-Nitroaniline	ND	(0.0176)	[1]	ND	(0.018)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.0273)	[1]	ND	(0.0279)	[1]
4-Bromophenyl phenyl ether	ND	(0.0157)	[1]	ND	(0.0161)	[1]
4-Chloro-3-methylphenol	ND	(0.0249)	[1]	ND	(0.0255)	[1]
4-Chloroaniline	ND	(0.0193)	[1]	ND	(0.0197)	[1]
4-Chlorophenyl phenyl ether	ND	(0.0182)	[1]	ND	(0.0186)	[1]
4-Methylphenol (p-cresol)	ND	(0.0198)	[1]	ND	(0.0203)	[1]
4-Nitroaniline	ND	(0.0167)	[1]	ND	(0.0171)	[1]
4-Nitrophenol	ND	(0.0238)	[1]	ND	(0.0244)	[1]
Acenaphthene	ND	(0.0165)	[1]	ND	(0.0169)	[1]
Acenaphthylene	ND	(0.0078)	[1]	ND	(0.00797)	[1]
Anthracene	ND	(0.02)	[1]	ND	(0.0205)	[1]
Benzo(a)anthracene	ND	(0.0178)	[1]	ND	(0.0182)	[1]
Benzo(a)pyrene	ND	(0.0132)	[1]	ND	(0.0135)	[1]
Benzo(b)fluoranthene	ND	(0.0196)	[1]	ND	(0.0201)	[1]
Benzo(g,h,i)perylene	ND	(0.0168)	[1]	ND	(0.0172)	[1]
Benzo(k)fluoranthene	ND	(0.0334)	[1]	ND	(0.0341)	[1]
Benzoic acid	ND	(0.137)	[1]	ND	(0.14)	[1]
Benzy alcohol	ND	(0.0373)	[1]	ND	(0.0381)	[1]
Butylbenzylphthalate	ND	(0.0136)	[1]	ND	(0.0139)	[1]
Chrysene	ND	(0.0231)	[1]	ND	(0.0236)	[1]
Di-n-butylphthalate	ND	(0.017)	[1]	ND	(0.0174)	[1]
Di-n-octylphthalate	ND	(0.0314)	[1]	ND	(0.0321)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-10

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID			SAMPLE ID		
	005	005		005		
	DRM	DRM		DRM		
	DRM-01	DRM-02		DRM-02		
	0 - 0.3	0 - 0.3		0 - 0.3		
-----	-----	-----	-----	-----	-----	-----
SW8270 - Semivolatile Organics, cont. (mg/kg)						
Dibenz(a,h)anthracene	ND	(0.0164)	[1]	ND	(0.0167)	[1]
Dibenzofuran	ND	(0.0141)	[1]	ND	(0.0144)	[1]
Diethylphthalate	ND	(0.0116)	[1]	ND	(0.0119)	[1]
Dimethylphthalate	ND	(0.00966)	[1]	ND	(0.00988)	[1]
Diphenylamine/N-NitrosoDPA	ND	(0.0195)	[1]	ND	(0.02)	[1]
Fluoranthene	ND	(0.022)	[1]	ND	(0.0225)	[1]
Fluorene	ND	(0.0116)	[1]	ND	(0.0119)	[1]
Hexachlorobenzene	ND	(0.00807)	[1]	ND	(0.00825)	[1]
Hexachlorobutadiene	ND	(0.0241)	[1]	ND	(0.0246)	[1]
Hexachlorocyclopentadiene	ND	(0.308)	[1]	ND	(0.315)	[1]
Hexachloroethane	ND	(0.0205)	[1]	ND	(0.021)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.0181)	[1]	ND	(0.0185)	[1]
Isophorone	ND	(0.0099)	[1]	ND	(0.0101)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0259)	[1]	ND	(0.0265)	[1]
Naphthalene	ND	(0.0252)	[1]	ND	(0.0257)	[1]
Nitrobenzene	ND	(0.0182)	[1]	ND	(0.0186)	[1]
Pentachloropheno]	ND	(0.0298)	[1]	ND	(0.0305)	[1]
Phenanthrene	ND	(0.0215)	[1]	ND	(0.0219)	[1]
Phenol	ND	(0.0138)	[1]	ND	(0.0141)	[1]
Pyrene	ND	(0.0161)	[1]	ND	(0.0165)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0194)	[1]	ND	(0.0198)	[1]
bis(2-Chloroethyl)ether	ND	(0.0253)	[1]	ND	(0.0258)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0251)	[1]	ND	(0.0256)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0631)	[1]	ND	(0.0646)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	706	(404)	[10]	ND	(415)	[10]
Acenaphthylene	ND	(778)	[10]	ND	(798)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-11

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)

Anthracene	ND	(238)	[10]	ND	(245)	[10]
Benzo(a)anthracene	ND	(7.15)	[10]	ND	(7.34)	[10]
Benzo(a)pyrene	ND	(21.8)	[10]	ND	(22.3)	[10]
Benzo(b)fluoranthene	ND	(34.2)	[10]	ND	(35.1)	[10]
Benzo(g,h,i)perylene	55.6 J	(62.2)	[10]	70.3	(63.9)	[10]
Benzo(k)fluoranthene	ND	(6.84)	[10]	ND	(7.02)	[10]
Chrysene	ND	(124)	[10]	4.14 J	(128)	[10]
Dibenz(a,h)anthracene	ND	(16.6)	[10]	ND	(17)	[10]
Fluoranthene	ND	(218)	[10]	ND	(223)	[10]
Fluorene	ND	(59.1)	[10]	ND	(60.7)	[10]
Indeno(1,2,3-cd)pyrene	ND	(22.8)	[10]	25.8 B	(23.4)	[10]
Naphthalene	ND	(1870)	[10]	ND	(1920)	[10]
Phenanthrene	ND	(436)	[10]	ND	(447)	[10]
Pyrene	ND	(259)	[10]	ND	(266)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-12

TABLE A12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				LOCATION ID				LOCATION ID							
	SAMPLE ID				SAMPLE ID				SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)							
	008	BLM	BLM-01	0 - 0.3	008	BLM	BLM-02	0 - 0.3	008	BLM	BLM-03	0 - 0.3	008	BLM	BLM-04	0 - 0.3

SW6010 - Metals (mg/kg)																
Aluminum	8700	(6.62)	[1]	7680	(5.68)	[1]	4660	(6.65)	[1]	5890	(6.7)	[1]				[1]
Antimony	-0.0994 JB	(1.74)	[1]	-0.397 JB	(1.5)	[1]	-1.41 JB	(1.75)	[1]	-1.1 JB	(1.77)	[1]				[1]
Arsenic	8.96	(1.43)	[1]	9.87	(1.22)	[1]	4.88	(1.43)	[1]	4.63	(1.44)	[1]				[1]
Barium	146	(0.0523)	[1]	128	(0.0449)	[1]	85.4	(0.0526)	[1]	87.3	(0.053)	[1]				[1]
Beryllium	0.243	(0.0532)	[1]	0.167	(0.0456)	[1]	0.103	(0.0535)	[1]	0.142	(0.0539)	[1]				[1]
Cadmium	0.55 B	(0.259)	[1]	0.38 B	(0.222)	[1]	0.308 B	(0.261)	[1]	0.332 B	(0.262)	[1]				[1]
Calcium	4690	(21.5)	[1]	10300	(18.4)	[1]	3890	(21.6)	[1]	4350	(21.8)	[1]				[1]
Chromium	21.1	(0.247)	[1]	15.9	(0.212)	[1]	10.1	(0.248)	[1]	11.6	(0.25)	[1]				[1]
Cobalt	9.27	(0.472)	[1]	7.4	(0.404)	[1]	5.11	(0.474)	[1]	6.1	(0.477)	[1]				[1]
Copper	22.5	(0.223)	[1]	18	(0.191)	[1]	10.9	(0.224)	[1]	12.1	(0.226)	[1]				[1]
Iron	18400	(28.1)	[1]	16700	(24.1)	[1]	10000	(28.2)	[1]	13200	(28.4)	[1]				[1]
Lead	54.8	(2.23)	[1]	10.9	(1.91)	[1]	7.34	(2.24)	[1]	14.7	(2.26)	[1]				[1]
Magnesium	4880	(2.47)	[1]	5510	(2.12)	[1]	2960	(2.48)	[1]	3450	(2.5)	[1]				[1]
Manganese	384	(0.0107)	[1]	313	(0.00914)	[1]	241	(0.0107)	[1]	215	(0.0108)	[1]				[1]
Molybdenum	1.47	(0.237)	[1]	1.09	(0.203)	[1]	0.588	(0.238)	[1]	0.846	(0.24)	[1]				[1]
Nickel	25.5	(0.985)	[1]	21.7	(0.845)	[1]	13.8	(0.99)	[1]	16.1	(0.997)	[1]				[1]
Potassium	959	(31.3)	[1]	668	(26.8)	[1]	626	(31.4)	[1]	784	(31.6)	[1]				[1]
Selenium	6.41	(3.99)	[1]	6.55	(3.43)	[1]	4.24	(4.01)	[1]	4.26	(4.04)	[1]				[1]
Silver	-0.318 JB	(0.165)	[1]	-0.351 JB	(0.142)	[1]	-0.31 JB	(0.166)	[1]	-0.353 JB	(0.167)	[1]				[1]
Sodium	203	(2.34)	[1]	218	(2.01)	[1]	104	(2.35)	[1]	134	(2.37)	[1]				[1]
Thallium	2.21 JB	(6.27)	[1]	-0.0256 JB	(5.38)	[1]	1.15 JB	(6.3)	[1]	0.379 JB	(6.35)	[1]				[1]
Vanadium	32.4	(0.388)	[1]	27.8	(0.333)	[1]	16.7	(0.39)	[1]	21.6	(0.393)	[1]				[1]
Zinc	98.8	(0.263)	[1]	58.8	(0.225)	[1]	35.8	(0.264)	[1]	46	(0.266)	[1]				[1]
SW7060 - Arsenic (mg/kg)																
Arsenic	12	(0.181)	[2]	9.11	(0.143)	[2]	5.58	(0.0948)	[1]	5.77	(0.166)	[2]				[2]
SW7421 - Lead (mg/kg)																
Lead	48.6 S	(2.14)	[20]	10.4 S	(0.336)	[4]	8.94 S	(0.447)	[4]	15.3 S	(0.392)	[4]				[4]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A12-1

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

() = Detection Limit □ = Dilution Factor NA = Not Detected * - Value considered suspect, Refer to QC Report

A12-2

TABLE A12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW6010 - Metals (mg/kg)

Aluminum	4800	(6.18)	[1]	5230	(6.24)	[1]
Antimony	0.643 JB	(1.63)	[1]	-2.18 JB	(1.64)	[1]
Arsenic	5.22	(1.33)	[1]	3.43	(1.35)	[1]
Barium	64.5	(0.0488)	[1]	74.8	(0.0493)	[1]
Beryllium	0.11	(0.0497)	[1]	0.124	(0.0501)	[1]
Cadmium	0.231 JB	(0.242)	[1]	0.934	(0.244)	[1]
Calcium	2480	(20.1)	[1]	4120	(20.3)	[1]
Chromium	9.77	(0.23)	[1]	11.3	(0.232)	[1]
Cobalt	5.69	(0.44)	[1]	5.85	(0.444)	[1]
Copper	9.53	(0.208)	[1]	9.74	(0.21)	[1]
Iron	9910	(26.2)	[1]	11500	(26.5)	[1]
Lead	5.04	(2.08)	[1]	6.48	(2.1)	[1]
Magnesium	2820	(2.3)	[1]	3280	(2.32)	[1]
Manganese	204	(0.00995)	[1]	219	(0.01)	[1]
Molybdenum	0.47 B	(0.221)	[1]	0.65	(0.223)	[1]
Nickel	15	(0.919)	[1]	17.1	(0.928)	[1]
Potassium	404	(29.2)	[1]	542	(29.5)	[1]
Selenium	3.6 J	(3.73)	[1]	5.5	(3.76)	[1]
Silver	-0.0185 JB	(0.154)	[1]	-0.297 JB	(0.156)	[1]
Sodium	87.7	(2.18)	[1]	122	(2.21)	[1]
Thallium	0.655 JB	(5.85)	[1]	-0.0605 JB	(5.91)	[1]
Vanadium	20.3	(0.362)	[1]	20.5	(0.366)	[1]
Zinc	25.7	(0.245)	[1]	43.4	(0.248)	[1]
SW7060 - Arsenic (mg/kg)	3.54	(0.0696)	[1]	6.19	(0.139)	[2]
Arsenic						
SW7421 - Lead (mg/kg)	2.39 S	(0.164)	[2]	6.55 S	(0.327)	[4]
Lead						

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A12-3

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				1				1				1			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
AK101 - Gasoline Range Organics (ug/L)	01-MW-01	01-MW-01	01-MW-02	01-MW-02	01-MW-01	01-MW-01	01-MW-02	01-MW-02	01-MW-01	01-MW-01	01-MW-02	01-MW-02	01-MW-01	01-MW-01	01-MW-02	01-MW-02
Gasoline Range Organics	380	(50.0)	[1]	[1]	370	(50.0)	[1]	[1]	0.00	JB	(50.0)	[1]	15.0	J	(50.0)	[1]
AK102 - Diesel Range Organics (ug/L)	170	(100)	[1]	[1]	85.0	J	(100)	[1]	0.00	JB	(100)	[1]	0.00	JB	(100)	[1]
Diesel Range Organics																
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																
4,4'-DDD	ND	(0.00225)	[1]	[1]	ND	(0.00217)	[1]	[1]	ND	(0.00220)	[1]	[1]	ND	(0.00220)	[1]	[1]
4,4'-DDE	ND	(0.00464)	[1]	[1]	ND	(0.00448)	[1]	[1]	ND	(0.00453)	[1]	[1]	ND	(0.00455)	[1]	[1]
4,4'-DDT	0.00800	KJ (0.00878)	[1]	[1]	ND	(0.00721)	[1]	[1]	0.00690	KJ (0.00856)	[1]	[1]	ND	(0.00731)	[1]	[1]
Aldrin	ND	(0.00292)	[1]	[1]	ND	(0.00282)	[1]	[1]	ND	(0.00285)	[1]	[1]	ND	(0.00286)	[1]	[1]
Chlordane	ND	(0.0240)	[1]	[1]	ND	(0.0232)	[1]	[1]	ND	(0.0234)	[1]	[1]	ND	(0.0235)	[1]	[1]
Dieldrin	0.00250	KJB (0.00403)	[1]	[1]	0.00250	KJB (0.00389)	[1]	[1]	ND	(0.00242)	[1]	[1]	ND	(0.00395)	[1]	[1]
Endosulfan I	ND	(0.00910)	[1]	[1]	ND	(0.00879)	[1]	[1]	ND	(0.00888)	[1]	[1]	ND	(0.00892)	[1]	[1]
Endosulfan II	ND	(0.00380)	[1]	[1]	ND	(0.00367)	[1]	[1]	ND	(0.00371)	[1]	[1]	ND	(0.00372)	[1]	[1]
Endosulfan Sulfate	ND	(0.00544)	[1]	[1]	ND	(0.00526)	[1]	[1]	ND	(0.00531)	[1]	[1]	ND	(0.00533)	[1]	[1]
Endrin	ND	(0.00726)	[1]	[1]	ND	(0.00701)	[1]	[1]	ND	(0.00708)	[1]	[1]	ND	(0.00712)	[1]	[1]
Endrin Aldehyde	ND	(0.00400)	[1]	[1]	ND	(0.00386)	[1]	[1]	ND	(0.00390)	[1]	[1]	ND	(0.00392)	[1]	[1]
Heptachlor	ND	(0.00236)	[1]	[1]	ND	(0.00228)	[1]	[1]	ND	(0.00230)	[1]	[1]	ND	(0.00231)	[1]	[1]
Heptachlor epoxide	ND	(0.00227)	[1]	[1]	ND	(0.00219)	[1]	[1]	ND	(0.00221)	[1]	[1]	ND	(0.00222)	[1]	[1]
Methoxychlor	ND	(0.0547)	[1]	[1]	ND	(0.0528)	[1]	[1]	ND	(0.0534)	[1]	[1]	0.0525	KJ (0.0945)	[1]	[1]
PCB-1016	ND	(0.0244)	[1]	[1]	ND	(0.0236)	[1]	[1]	ND	(0.0238)	[1]	[1]	ND	(0.0239)	[1]	[1]
PCB-1221	ND	(0.0232)	[1]	[1]	ND	(0.0224)	[1]	[1]	ND	(0.0226)	[1]	[1]	ND	(0.0227)	[1]	[1]
PCB-1232	ND	(0.0175)	[1]	[1]	ND	(0.0169)	[1]	[1]	ND	(0.0171)	[1]	[1]	ND	(0.0172)	[1]	[1]
PCB-1242	ND	(0.120)	[1]	[1]	ND	(0.116)	[1]	[1]	ND	(0.117)	[1]	[1]	ND	(0.118)	[1]	[1]
PCB-1248	ND	(0.0417)	[1]	[1]	ND	(0.0403)	[1]	[1]	ND	(0.0407)	[1]	[1]	ND	(0.0409)	[1]	[1]
PCB-1254	ND	(0.0308)	[1]	[1]	ND	(0.0298)	[1]	[1]	ND	(0.0300)	[1]	[1]	ND	(0.0302)	[1]	[1]
PCB-1260	ND	(0.0349)	[1]	[1]	ND	(0.0337)	[1]	[1]	ND	(0.0340)	[1]	[1]	ND	(0.0342)	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-1

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				1				1				1			
	LOCATION ID				01-MW-01				01-MW-02				01-MW-05			
	SAMPLE ID				G94-01-MW-01-FD Dup of				G94-01-MW-02				G94-01-MW-05			
					G94-01-MW-01											

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID

LOCATION ID

SAMPLE ID

1
01-MW-05
694-01-MW-051
01-MW-02
694-01-MW-021
01-MW-01
694-01-MW-01-FD Dup of
694-01-MW-011
01-MW-01
694-01-MW-01

PARAMETER

SW8260 - Volatile Organic Compounds, cont. (ug/L)

Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)	[1]
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)	[1]
Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]
Chlorobenzene	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]
Chloroethane	ND	(0.0972)	[1]	0.100	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(0.0972)	[1]
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]
Chloromethane	0.570	(0.155)	[1]	0.650	(0.155)	[1]	0.610	(0.155)	[1]	0.280 B	(0.155)	[1]
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]
Dibromomethane	0.220	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(0.0598)	[1]
Ethyl benzene	0.100 J	(0.110)	[1]	0.0900 J	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Meta-&Para-Xylene	0.100 J	(0.365)	[1]	0.100 J	(0.365)	[1]	ND	(0.365)	[1]	ND	(0.365)	[1]
Methylene Chloride	0.220 B	(0.151)	[1]	0.190 B	(0.151)	[1]	0.260 B	(0.151)	[1]	0.230 B	(0.151)	[1]
Ortho-Xylene	0.0500 J	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]
Tetrachloroethene	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]
Toluene	0.240	(0.0336)	[1]	0.280	(0.0336)	[1]	ND	(0.0336)	[1]	ND	(0.0336)	[1]
Trichloroethene	ND	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(0.0439)	[1]
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]
Vinyl Chloride	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(0.0785)	[1]
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(0.131)	[1]
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

*

- Value considered suspect, Refer to QC Report

A13-3

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

	SITE ID	
	LOCATION ID	SAMPLE ID
	1	1
	01-MW-01	01-MW-05
	G94-01-MW-01	G94-01-MW-02
	G94-01-MW-01-FD Dup of	
	G94-01-MW-01	

PARAMETER

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-4

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	1					8				
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	01-MW-06	01-MW-07	01-MW-08	01-MW-08	01-MW-08	01-MW-08	01-MW-08	01-MW-08	01-MW-08	01-MW-08
	694-01-MW-06	694-01-MW-07	694-01-MW-08	694-01-MW-08	694-01-MW-08	694-01-MW-08	694-01-MW-08	694-01-MW-08	694-01-MW-08	694-01-MW-08
AK101 - Gasoline Range Organics (ug/L)	580	(50.0)	[1]	3.00 JB (50.0)	[1]	79.0	(50.0)	[1]	2.00 JB (50.0)	[1]
Gasoline Range Organics										
AK102 - Diesel Range Organics (ug/L)	350	(100)	[1]	0.00 JB (100)	[1]	380	(100)	[1]	0.00 JB (100)	[1]
Diesel Range Organics										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.00212)	[1]	ND	(0.00210)	[1]	ND	(0.00218)	ND	(0.0153)
4,4'-DDE	ND	(0.00540)	[1]	ND	(0.00536)	[1]	ND	(0.00556)	ND	(0.00337)
4,4'-DDT	ND	(0.00704)	[1]	0.00720 KJ	(0.00820)	[1]	ND	(0.00724)	0.00620	(0.00360)
Aldrin	ND	(0.00275)	[1]	ND	(0.00273)	[1]	ND	(0.00283)	ND	(0.00403)
Chlordane	ND	(0.0226)	[1]	ND	(0.0224)	[1]	ND	(0.0233)	ND	(0.0195)
Dieldrin	0.00230 KJB	(0.00380)	[1]	0.00230 KJB	(0.00377)	[1]	0.00230 KJB	(0.00391)	ND	(0.00399)
Endosulfan I	ND	(0.00858)	[1]	ND	(0.00850)	[1]	ND	(0.00883)	ND	(0.00210)
Endosulfan II	ND	(0.00358)	[1]	ND	(0.00355)	[1]	ND	(0.00369)	ND	(0.00369)
Endosulfan Sulfate	ND	(0.00513)	[1]	ND	(0.00508)	[1]	ND	(0.00528)	0.000400 KJ	(0.00981)
Endrin	ND	(0.00885)	[1]	ND	(0.00678)	[1]	ND	(0.00705)	ND	(0.00743)
Endrin Aldehyde	ND	(0.00377)	[1]	ND	(0.00374)	[1]	ND	(0.00388)	ND	(0.00613)
Heptachlor	ND	(0.00223)	[1]	0.000600 KJ	(0.00119)	[1]	ND	(0.00229)	ND	(0.00532)
Heptachlor epoxide	0.00330 P	(0.00236)	[1]	ND	(0.00212)	[1]	0.000900 KJ	(0.00220)	0.000400 KJ	(0.00917)
Methoxychlor	ND	(0.0516)	[1]	ND	(0.0511)	[1]	ND	(0.0531)	ND	(0.0387)
PCB-1016	ND	(0.0230)	[1]	ND	(0.0228)	[1]	ND	(0.0237)	ND	(0.0314)
PCB-1221	ND	(0.0219)	[1]	ND	(0.0217)	[1]	ND	(0.0225)	ND	(0.0283)
PCB-1232	ND	(0.0165)	[1]	ND	(0.0164)	[1]	ND	(0.0170)	ND	(0.0714)
PCB-1242	ND	(0.113)	[1]	ND	(0.112)	[1]	ND	(0.117)	ND	(0.0262)
PCB-1248	ND	(0.0393)	[1]	ND	(0.0390)	[1]	ND	(0.0405)	ND	(0.0310)
PCB-1254	ND	(0.0291)	[1]	ND	(0.0288)	[1]	ND	(0.0299)	ND	(0.0124)
PCB-1260	ND	(0.0329)	[1]	ND	(0.0326)	[1]	ND	(0.0339)	ND	(0.0344)
Toxaphene	ND	(0.0403)	[1]	ND	(0.0399)	[1]	ND	(0.0415)	ND	(0.0553)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A13-5

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	1				8			
	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)								
alpha-BHC	0.00810	(0.00405)	[1]	ND	(0.00401)	[1]	ND	(0.00281)
beta-BHC	ND	(0.00320)	[1]	ND	(0.00317)	[1]	ND	(0.00397)
delta-BHC	ND	(0.00168)	[1]	0.00790 B	(0.00204)	[1]	ND	(0.00229)
gamma-BHC	ND	(0.00369)	[1]	ND	(0.00365)	[1]	ND	(0.00175)
SW8260 - Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)
1,1-Dichloroethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)
1,2-Dichloroethane	1.23	(0.0791)	[1]	0.480	(0.0791)	[1]	1.07	(0.0791)
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)
2-Butanone (MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)
4-Methyl-2-Pentanone (MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)
Acetone	4.78 B	(2.09)	[1]	5.32	(2.09)	[1]	5.01 B	(2.09)
Benzene	224	(0.154)	[5]	0.0400 B	(0.0307)	[1]	22.0	(0.0307)
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)
Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-6

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	1				1			
	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01
SW8260 - Volatile Organic Compounds, cont. (ug/L)								
Bromomethane	ND	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]
Carbon disulfide	ND	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]
Carbon tetrachloride	ND	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]
Chlorobenzene	ND	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]
Chloroethane	ND	[1]	ND	(0.0972)	[1]	ND	(0.0972)	[1]
Chloroform	ND	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]
Chloromethane	0.290 B	[1]	ND	(0.155)	[1]	ND	(0.155)	[1]
Dibromochloromethane	ND	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]
Dibromomethane	ND	[1]	ND	(0.0598)	[1]	ND	(0.0598)	[1]
Ethyl benzene	0.0200 J	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Meta-&Para-Xylene	ND	[1]	ND	(0.365)	[1]	ND	(0.365)	[1]
Methylene Chloride	0.350 B	[1]	ND	(0.151)	[1]	0.230 B	(0.151)	[1]
Ortho-Xylene	0.0600 J	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
Styrene	ND	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]
Tetrachloroethene	ND	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]
Toluene	0.330	[1]	ND	(0.0336)	[1]	ND	(0.0336)	[1]
Trichloroethene	ND	[1]	ND	(0.0439)	[1]	ND	(0.0439)	[1]
Trichlorofluoromethane	ND	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]
Vinyl Chloride	ND	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
Vinyl acetate	ND	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]
cis-1,2-Dichloroethene	ND	[1]	ND	(0.0785)	[1]	ND	(0.0785)	[1]
cis-1,3-Dichloropropene	ND	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]
trans-1,2-Dichloroethene	ND	[1]	ND	(0.131)	[1]	ND	(0.131)	[1]
trans-1,3-Dichloropropene	ND	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	NA	NA	NA			NA		[1]
1,2-Dichlorobenzene	NA	NA	NA			NA		[1]

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

*

Value considered suspect, Refer to QC Report

A13-7

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	1	1	1	8
	01-MW-06	01-MW-07	01-MW-08	02-GW-01
	G94-01-MW-06	G94-01-MW-07	G94-01-MW-08	G94-02-GW-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	NA	NA	NA	ND (0.734) [1]
1,4-Dichlorobenzene	NA	NA	NA	ND (1.35) [1]
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.460) [1]
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.435) [1]
2,4-Dichlorophenol	NA	NA	NA	ND (0.677) [1]
2,4-Dimethylphenol	NA	NA	NA	ND (0.628) [1]
2,4-Dinitrophenol	NA	NA	NA	ND (1.85) [1]
2,4-Dinitrotoluene	NA	NA	NA	ND (0.751) [1]
2,6-Dinitrotoluene	NA	NA	NA	ND (0.727) [1]
2-Chloronaphthalene	NA	NA	NA	ND (0.929) [1]
2-Chlorophenol	NA	NA	NA	ND (0.615) [1]
2-Methylnaphthalene	NA	NA	NA	ND (1.13) [1]
2-Methylphenol	NA	NA	NA	ND (0.556) [1]
2-Nitroaniline	NA	NA	NA	ND (0.723) [1]
2-Nitrophenol	NA	NA	NA	ND (1.04) [1]
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.692) [1]
3-Nitroaniline	NA	NA	NA	ND (0.864) [1]
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.442) [1]
4-Bromophenyl phenyl ether	NA	NA	NA	ND (0.727) [1]
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.604) [1]
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.868) [1]
4-Methylphenol/3-Methylphenol	NA	NA	NA	ND (0.830) [1]
4-Nitroaniline	NA	NA	NA	ND (0.556) [1]
4-Nitrophenol	NA	NA	NA	ND (1.11) [1]
Acenaphthene	NA	NA	NA	ND (0.646) [1]
Acenaphthylene	NA	NA	NA	ND (0.441) [1]
Anthracene	NA	NA	NA	ND (0.444) [1]
Benzo(a)anthracene	NA	NA	NA	ND (0.494) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-8

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	1	1	1	8
	01-MW-06	01-MW-07	01-MW-08	02-GW-01
	G94-01-MW-06	G94-01-MW-07	G94-01-MW-08	G94-02-GW-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
Benzo(a)pyrene	NA	NA	NA	ND (0.659) [1]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.742) [1]
Benzo(g,h,i)perylene	NA	NA	NA	ND (0.661) [1]
Benzo(k)fluoranthene	NA	NA	NA	ND (1.07) [1]
Benzoic acid	NA	NA	NA	ND (3.00) [1]
Benzyl alcohol	NA	NA	NA	ND (0.674) [1]
Butylbenzylphthalate	NA	NA	NA	ND (0.866) [1]
Chrysene	NA	NA	NA	ND (0.597) [1]
Di-n-octylphthalate	NA	NA	NA	ND (0.650) [1]
Dibenz(a,h)anthracene	NA	NA	NA	ND (0.704) [1]
Dibenzofuran	NA	NA	NA	ND (0.517) [1]
Dibutylphthalate	NA	NA	NA	ND (0.331) [1]
Diethylphthalate	NA	NA	NA	ND (0.287) [1]
Dimethylphthalate	NA	NA	NA	ND (0.429) [1]
Diphenylamine	NA	NA	NA	ND (0.636) [1]
Fluoranthene	NA	NA	NA	ND (0.663) [1]
Fluorene	NA	NA	NA	ND (0.614) [1]
Hexachlorobenzene	NA	NA	NA	ND (1.46) [1]
Hexachlorobutadiene	NA	NA	NA	ND (0.950) [1]
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.821) [1]
Hexachloroethane	NA	NA	NA	ND (5.37) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND (0.516) [1]
Isophorone	NA	NA	NA	ND (0.529) [1]
N-Nitroso-di-n-propylamine	NA	NA	NA	ND (0.777) [1]
Naphthalene	NA	NA	NA	ND (0.800) [1]
Nitrobenzene	NA	NA	NA	ND (0.813) [1]
Pentachlorophenol	NA	NA	NA	ND (0.626) [1]
Phenanthrene	NA	NA	NA	ND (0.613) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-9

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		
	LOCATION ID		
	SAMPLE ID		
	1	1	8
	01-MW-06	01-MW-07	02-GW-01
	G94-01-MW-06	G94-01-MW-07	G94-02-GW-01
SW8270 - Semivolatile Organics, cont. (ug/L)			
Phenol	NA	NA	ND (0.683) [1]
Pyrene	NA	NA	ND (0.786) [1]
bis(2-Chloroethoxy)methane	NA	NA	ND (0.650) [1]
bis(2-Chloroethyl)ether	NA	NA	ND (0.647) [1]
bis(2-Chloroisopropyl)ether	NA	NA	ND (1.07) [1]
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.812) [1]
p-Chloroaniline	NA	NA	ND (0.976) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-10

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				5			
	LOCATION ID				02-GW-04				05-MW-02			
	SAMPLE ID				G94-02-GW-04R				G94-05-MW-02			
	3.00 JB (	50.0)	[1]	4.00 JB (	50.0)	[1]	NA	0.00 JB (	50.0)	[1]	0.00 JB (	50.0)
AK101 - Gasoline Range Organics (ug/L)												
Gasoline Range Organics												
AK102 - Diesel Range Organics (ug/L)												
Diesel Range Organics												
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND (	0.0149)	[1]	NA			ND (	0.00214)	[1]	ND (	0.0162)	[1]
4,4'-DDE	ND (	0.00328)	[1]	NA			ND (	0.00442)	[1]	ND (	0.00358)	[1]
4,4'-DDT	ND (	0.0124)	[1]	NA			0.00770 KJ (	0.00836)	[1]	ND (	0.00382)	[1]
Aldrin	0.00680 (	0.00392)	[1]	NA			ND (	0.00278)	[1]	ND (	0.00428)	[1]
Chlordane	ND (	0.0190)	[1]	NA			ND (	0.0229)	[1]	ND (	0.0207)	[1]
Dieldrin	0.00840 (	0.00267)	[1]	NA			ND (	0.00384)	[1]	ND (	0.00292)	[1]
Endosulfan I	ND (	0.00427)	[1]	NA			ND (	0.00867)	[1]	ND (	0.00223)	[1]
Endosulfan II	ND (	0.00359)	[1]	NA			ND (	0.00362)	[1]	ND (	0.00392)	[1]
Endosulfan Sulfate	ND (	0.00474)	[1]	NA			ND (	0.00518)	[1]	0.00190 KJ (	0.0104)	[1]
Endrin	ND (	0.00722)	[1]	NA			ND (	0.00691)	[1]	ND (	0.00789)	[1]
Endrin Aldehyde	ND (	0.00566)	[1]	NA			ND (	0.00381)	[1]	ND (	0.00651)	[1]
Heptachlor	ND (	0.00517)	[1]	NA			ND (	0.00225)	[1]	0.000400 KJ (	0.00671)	[1]
Heptachlor epoxide	0.00490 P (	0.00179)	[1]	NA			0.00140 KJ (	0.00238)	[1]	ND (	0.00973)	[1]
Methoxychlor	ND (	0.0377)	[1]	NA			ND (	0.0521)	[1]	ND (	0.0411)	[1]
PCB-1016	ND (	0.0306)	[1]	NA			ND (	0.0232)	[1]	ND (	0.0334)	[1]
PCB-1221	ND (	0.0275)	[1]	NA			ND (	0.0221)	[1]	ND (	0.0300)	[1]
PCB-1232	ND (	0.0694)	[1]	NA			ND (	0.0167)	[1]	ND (	0.0756)	[1]
PCB-1242	ND (	0.0254)	[1]	NA			ND (	0.114)	[1]	ND (	0.0278)	[1]
PCB-1248	ND (	0.0301)	[1]	NA			ND (	0.0397)	[1]	ND (	0.0329)	[1]
PCB-1254	ND (	0.0121)	[1]	NA			ND (	0.0293)	[1]	ND (	0.0132)	[1]
PCB-1260	ND (0.0335)	[1]	NA			ND (0.0332)	[1]	ND (0.0365)	[1]
Toxaphene	ND (0.0537)	[1]	NA			ND (0.0407)	[1]	ND (0.0587)	[1]

Compiled: 15 March 1995

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A13-11

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	8		8		8		5	
	02-GW-03 G94-02-GW-03	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	05-MW-02 G94-05-MW-02	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)								
alpha-BHC	ND (0.00273)	NA	NA	ND (0.00408)	[1]	ND (0.00298)	[1]	
beta-BHC	ND (0.00386)	NA	NA	ND (0.00323)	[1]	ND (0.00421)	[1]	
delta-BHC	ND (0.00222)	NA	NA	ND (0.00208)	[1]	ND (0.00243)	[1]	
gamma-BHC	ND (0.00160)	NA	NA	ND (0.00372)	[1]	ND (0.00186)	[1]	
SW8260 - Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND (0.0851)	ND (0.0851)	NA	[1]	ND (0.0851)	[1]	
1,1,1-Trichloroethane	ND (0.0992)	ND (0.0992)	ND (0.0992)	NA	[1]	ND (0.0992)	[1]	
1,1,2,2-Tetrachloroethane	ND (0.170)	ND (0.170)	ND (0.170)	NA	[1]	ND (0.170)	[1]	
1,1,2-Trichloroethane	ND (0.0920)	ND (0.0920)	ND (0.0920)	NA	[1]	ND (0.0920)	[1]	
1,1-Dichloroethane	ND (0.0886)	ND (0.0886)	ND (0.0886)	NA	[1]	ND (0.0886)	[1]	
1,1-Dichloroethene	ND (0.0806)	ND (0.0806)	ND (0.0806)	NA	[1]	ND (0.0806)	[1]	
1,2,3-Trichloropropane	ND (0.233)	ND (0.233)	ND (0.233)	NA	[1]	ND (0.233)	[1]	
1,2-Dichlorobenzene	ND (0.354)	ND (0.354)	ND (0.354)	NA	[1]	ND (0.354)	[1]	
1,2-Dichloroethane	ND (0.0791)	ND (0.0791)	ND (0.0791)	NA	[1]	ND (0.0791)	[1]	
1,2-Dichloropropane	ND (0.0742)	ND (0.0742)	ND (0.0742)	NA	[1]	ND (0.0742)	[1]	
1,3-Dichlorobenzene	ND (0.391)	ND (0.391)	ND (0.391)	NA	[1]	ND (0.391)	[1]	
1,4-Dichlorobenzene	ND (0.423)	ND (0.423)	ND (0.423)	NA	[1]	ND (0.423)	[1]	
1-Chlorohexane	ND (0.154)	ND (0.154)	ND (0.154)	NA	[1]	ND (0.154)	[1]	
2-Butanone(MEK)	ND (0.890)	ND (0.890)	ND (0.890)	NA	[1]	ND (0.890)	[1]	
2-Chloroethyl vinyl ether	ND (0.124)	ND (0.124)	ND (0.124)	NA	[1]	ND (0.124)	[1]	
2-Hexanone	ND (0.766)	ND (0.766)	ND (0.766)	NA	[1]	ND (0.766)	[1]	
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND (0.501)	ND (0.501)	NA	[1]	ND (0.501)	[1]	
Acetone	2.73 B (2.09)	2.79 B (2.09)	2.79 B (2.09)	NA	[1]	5.01 B (2.09)	[1]	
Benzene	0.0300 JB (0.0307)	0.100 B (0.0307)	0.100 B (0.0307)	NA	[1]	0.0300 JB (0.0307)	[1]	
Bromobenzene	ND (0.165)	ND (0.165)	ND (0.165)	NA	[1]	ND (0.165)	[1]	
Bromodichloromethane	ND (0.0536)	ND (0.0536)	ND (0.0536)	NA	[1]	ND (0.0536)	[1]	
Bromoform	ND (0.108)	ND (0.108)	ND (0.108)	NA	[1]	ND (0.108)	[1]	

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-12

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		5	
	LOCATION ID SAMPLE ID	02-GW-03 G94-02-GW-03	02-GW-04 G94-02-GW-04R	05-MW-02 G94-05-MW-02
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromomethane	ND	(0.0968) [1]	ND	(0.0968) [1]
Carbon disulfide	ND	(0.161) [1]	ND	(0.161) [1]
Carbon tetrachloride	ND	(0.117) [1]	ND	(0.117) [1]
Chlorobenzene	ND	(0.112) [1]	ND	(0.112) [1]
Chloroethane	ND	(0.0972) [1]	ND	(0.0972) [1]
Chloroform	ND	(0.0363) [1]	ND	(0.0363) [1]
Chloromethane	ND	(0.155) [1]	0.240 B	(0.155) [1]
Dibromochloromethane	ND	(0.0283) [1]	ND	(0.0283) [1]
Dibromomethane	0.220	(0.0598) [1]	ND	(0.0598) [1]
Ethyl benzene	0.0400 J	(0.110) [1]	ND	(0.110) [1]
Meta-&Para-Xylene	0.170 J	(0.365) [1]	0.0600 J	(0.365) [1]
Methylene Chloride	0.400 B	(0.151) [1]	0.440 B	(0.151) [1]
Ortho-Xylene	0.0800 J	(0.124) [1]	ND	(0.124) [1]
Styrene	ND	(0.113) [1]	ND	(0.113) [1]
Tetrachloroethene	ND	(0.209) [1]	ND	(0.209) [1]
Toluene	0.0900	(0.0336) [1]	0.230	(0.0336) [1]
Trichloroethene	ND	(0.0439) [1]	ND	(0.0439) [1]
Trichlorofluoromethane	ND	(0.0943) [1]	ND	(0.0943) [1]
Vinyl Chloride	ND	(0.0992) [1]	ND	(0.0992) [1]
Vinyl acetate	ND	(0.127) [1]	ND	(0.127) [1]
cis-1,2-Dichloroethene	ND	(0.0785) [1]	ND	(0.0785) [1]
cis-1,3-Dichloropropene	ND	(0.0758) [1]	ND	(0.0758) [1]
trans-1,2-Dichloroethene	ND	(0.131) [1]	ND	(0.131) [1]
trans-1,3-Dichloropropene	ND	(0.0829) [1]	ND	(0.0829) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	(0.620) [1]	ND	(0.435) [1]
1,2-Dichlorobenzene	ND	(0.677) [1]	ND	(0.608) [1]

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-13

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	8		8		8		5	
	02-GW-03		02-GW-04		02-GW-04		05-MW-02	
	G94-02-GW-03		G94-02-GW-04		G94-02-GW-04R		G94-05-MW-02	
PARAMETER	ND	(	ND	(	NA	ND	ND	(
SW8270 - Semivolatile Organics, cont. (ug/L)	[1]	0.731)	[1]	0.776)	[1]	NA	ND	(
1,3-Dichlorobenzene	ND	(	ND	(	NA	ND	ND	(
1,4-Dichlorobenzene	ND	(	ND	(	NA	ND	ND	(
2,4,5-Trichloropheno]	ND	(	ND	(	NA	ND	ND	(
2,4,6-Trichloropheno]	ND	(	ND	(	NA	ND	ND	(
2,4-Dichlorophenol	ND	(	ND	(	NA	ND	ND	(
2,4-Dimethylphenol	ND	(	ND	(	NA	ND	ND	(
2,4-Dinitrophenol	ND	(	ND	(	NA	ND	ND	(
2,4-Dinitrotoluene	ND	(	ND	(	NA	ND	ND	(
2,6-Dinitrotoluene	ND	(	ND	(	NA	ND	ND	(
2-Chloronaphthalene	ND	(	ND	(	NA	ND	ND	(
2-Chlorophenol	ND	(	ND	(	NA	ND	ND	(
2-Methylnaphthalene	ND	(	ND	(	NA	ND	ND	(
2-Methylphenol	ND	(	ND	(	NA	ND	ND	(
2-Nitroaniline	ND	(	ND	(	NA	ND	ND	(
2-Nitrophenol	ND	(	ND	(	NA	ND	ND	(
3,3'-Dichlorobenzidine	ND	(	ND	(	NA	ND	ND	(
3-Nitroaniline	ND	(	ND	(	NA	ND	ND	(
4,6-Dinitro-2-methylphenol	ND	(	ND	(	NA	ND	ND	(
4-Bromophenyl phenyl ether	ND	(	ND	(	NA	ND	ND	(
4-Chloro-3-methylphenol	ND	(	ND	(	NA	ND	ND	(
4-Chlorophenyl phenyl ether	ND	(	ND	(	NA	ND	ND	(
4-Methylphenol/3-Methylphenol	ND	(	ND	(	NA	ND	ND	(
4-Nitroaniline	ND	(	ND	(	NA	ND	ND	(
4-Nitrophenol	ND	(	ND	(	NA	ND	ND	(
Acenaphthene	ND	(	ND	(	NA	ND	ND	(
Acenaphthylene	ND	(	ND	(	NA	ND	ND	(
Anthracene	ND	(	ND	(	NA	ND	ND	(
Benzo(a)anthracene	ND	(	ND	(	NA	ND	ND	(

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-14

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID	
	8	8	8	5
	02-GW-03	02-GW-04	02-GW-04	05-MW-02
	694-02-GW-03	694-02-GW-04	694-02-GW-04R	694-05-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)				
Benzo(a)pyrene	ND (0.656) [1]	ND (0.696) [1]	NA	ND (0.786) [1]
Benzo(b)fluoranthene	ND (0.738) [1]	ND (0.784) [1]	NA	ND (1.04) [1]
Benzo(g,h,i)perylene	ND (0.658) [1]	ND (0.698) [1]	NA	ND (1.12) [1]
Benzo(k)fluoranthene	ND (1.07) [1]	ND (1.13) [1]	NA	ND (1.09) [1]
Benzoic acid	ND (2.99) [1]	ND (3.17) [1]	NA	1.14 J (25.8) [1]
Benzyl alcohol	ND (0.671) [1]	ND (0.712) [1]	NA	ND (0.532) [1]
Butylbenzylphthalate	ND (0.862) [1]	ND (0.914) [1]	NA	ND (1.80) [1]
Chrysene	ND (0.594) [1]	ND (0.631) [1]	NA	ND (0.980) [1]
Di-n-octylphthalate	ND (0.647) [1]	ND (0.687) [1]	NA	ND (0.510) [1]
Dibenz(a,h)anthracene	ND (0.701) [1]	ND (0.744) [1]	NA	ND (0.990) [1]
Dibenzofuran	ND (0.514) [1]	ND (0.546) [1]	NA	ND (0.548) [1]
Dibutylphthalate	ND (0.330) [1]	ND (0.350) [1]	NA	ND (0.489) [1]
Diethylphthalate	ND (0.286) [1]	ND (0.303) [1]	NA	ND (0.251) [1]
Dimethylphthalate	ND (0.427) [1]	ND (0.453) [1]	NA	ND (0.443) [1]
Diphenylamine	ND (0.633) [1]	ND (0.671) [1]	NA	ND (0.890) [1]
Fluoranthene	ND (0.660) [1]	ND (0.700) [1]	NA	ND (0.583) [1]
Fluorene	ND (0.611) [1]	ND (0.648) [1]	NA	ND (0.454) [1]
Hexachlorobenzene	ND (1.45) [1]	ND (1.54) [1]	NA	ND (0.545) [1]
Hexachlorobutadiene	ND (0.945) [1]	ND (1.00) [1]	NA	ND (1.02) [1]
Hexachlorocyclopentadiene	ND (0.817) [1]	ND (0.867) [1]	NA	ND (1.18) [1]
Hexachloroethane	ND (5.35) [1]	ND (5.67) [1]	NA	ND (0.546) [1]
Indeno(1,2,3-cd)pyrene	ND (0.513) [1]	ND (0.545) [1]	NA	ND (0.874) [1]
Isophorone	ND (0.527) [1]	ND (0.559) [1]	NA	ND (0.320) [1]
N-Nitroso-di-n-propylamine	ND (0.773) [1]	ND (0.820) [1]	NA	ND (0.610) [1]
Naphthalene	ND (0.796) [1]	ND (0.845) [1]	NA	ND (0.764) [1]
Nitrobenzene	ND (0.809) [1]	ND (0.858) [1]	NA	ND (0.434) [1]
Pentachlorophenol	ND (0.623) [1]	ND (0.661) [1]	NA	ND (0.942) [1]
Phenanthrene	ND (0.610) [1]	ND (0.647) [1]	NA	ND (0.653) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-15

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							

SW8270 - Semivolatile Organics, cont. (ug/L)										
Phenol	ND	(0.680)	[1]	ND	(0.721)	[1]	NA	ND	(0.369)	[1]
Pyrene	ND	(0.783)	[1]	ND	(0.831)	[1]	NA	ND	(0.700)	[1]
bis(2-Chloroethoxy)methane	ND	(0.647)	[1]	ND	(0.687)	[1]	NA	ND	(0.625)	[1]
bis(2-Chloroethyl)ether	ND	(0.644)	[1]	ND	(0.684)	[1]	NA	ND	(0.482)	[1]
bis(2-Chloroisopropyl)ether	ND	(1.07)	[1]	ND	(1.13)	[1]	NA	ND	(0.438)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.808)	[1]	ND	(0.857)	[1]	NA	ND	(2.63)	[1]
p-Chloroaniline	ND	(0.971)	[1]	ND	(1.03)	[1]	NA	ND	(0.929)	[1]

					8	8	5			
					02-GW-03	02-GW-04	05-MW-02			
					G94-02-GW-03	G94-02-GW-04	G94-05-MW-02			

8
02-GW-03
G94-02-GW-03

8
02-GW-04
G94-02-GW-04

8
02-GW-04
G94-02-GW-04R

5
05-MW-02
G94-05-MW-02

Compiled: 15 March 1995

() = Detection Limit

□

= Dilution Factor

ND

= Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-16

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	5								5							
	05-MW-02 G94-05-MW-02-FD Dup of G94-05-MW-02								05-MW-04 G94-05-MW-04							
	0.00 JB	(	50.0)	[1]	17000	(	50.0)	[1]	110000	(	50.0)	[1]	130000	(	50.0)	[1]
AK101 - Gasoline Range Organics (ug/L)																
Gasoline Range Organics																
AK102 - Diesel Range Organics (ug/L)																
Diesel Range Organics	25.0 J	(	100)	[1]	2100	(	100)	[1]	13000	(	100)	[1]	6900	(	100)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																
4,4'-DDD	ND	(	0.00305)	[1]	ND	(	0.00302)	[1]	ND	(	0.0147)	[5]	ND	(	0.00293)	[1]
4,4'-DDE	ND	(	0.00351)	[1]	ND	(	0.00376)	[1]	ND	(	0.0169)	[5]	ND	(	0.00337)	[1]
4,4'-DDT	0.0110 KJ	(	0.0133)	[1]	0.0106 KJ	(	0.0132)	[1]	ND	(	0.0180)	[5]	0.00970 KJ	(	0.0128)	[1]
Aldrin	ND	(	0.00419)	[1]	ND	(	0.00415)	[1]	0.0407	(	0.0201)	[5]	0.00530 P	(	0.00403)	[1]
Chlordane	ND	(	0.0203)	[1]	ND	(	0.0201)	[1]	ND	(	0.0976)	[5]	ND	(	0.0195)	[1]
Dieldrin	ND	(	0.00286)	[1]	0.00620	(	0.00283)	[1]	ND	(	0.0137)	[5]	0.00750	(	0.00275)	[1]
Endosulfan I	ND	(	0.00219)	[1]	ND	(	0.00217)	[1]	ND	(	0.0105)	[5]	ND	(	0.00210)	[1]
Endosulfan II	ND	(	0.00384)	[1]	ND	(	0.00380)	[1]	ND	(	0.0185)	[5]	ND	(	0.00369)	[1]
Endosulfan Sulfate	0.00360 KJ	(	0.0102)	[1]	0.00280 KJ	(	0.0101)	[1]	0.0274 KJ	(	0.0490)	[5]	0.00190 KJ	(	0.00487)	[1]
Endrin	ND	(	0.00773)	[1]	ND	(	0.00765)	[1]	ND	(	0.0372)	[5]	0.000900 KJ	(	0.00743)	[1]
Endrin Aldehyde	ND	(	0.00638)	[1]	ND	(	0.00632)	[1]	ND	(	0.0307)	[5]	0.000200 PJ	(	0.00583)	[1]
Heptachlor	0.000400 KJ	(	0.00658)	[1]	0.00290 PJ	(	0.00548)	[1]	0.0114 J	(	0.0266)	[5]	0.0125	(	0.00532)	[1]
Heptachlor epoxide	ND	(	0.00192)	[1]	0.0155	(	0.00944)	[1]	0.124	(	0.0459)	[5]	0.0320 P	(	0.00185)	[1]
Methoxychlor	ND	(	0.0403)	[1]	ND	(	0.0399)	[1]	ND	(	0.194)	[5]	ND	(	0.0387)	[1]
PCB-1016	ND	(	0.0327)	[1]	ND	(	0.0324)	[1]	ND	(	0.157)	[5]	ND	(	0.0314)	[1]
PCB-1221	ND	(	0.0294)	[1]	ND	(	0.0291)	[1]	ND	(	0.141)	[5]	ND	(	0.0283)	[1]
PCB-1232	ND	(	0.0743)	[1]	ND	(	0.0736)	[1]	ND	(	0.357)	[5]	ND	(	0.0714)	[1]
PCB-1242	ND	(	0.0272)	[1]	ND	(	0.0269)	[1]	ND	(	0.131)	[5]	ND	(	0.0262)	[1]
PCB-1248	ND	(	0.0322)	[1]	ND	(	0.0319)	[1]	ND	(	0.155)	[5]	ND	(	0.0310)	[1]
PCB-1254	ND	(	0.0129)	[1]	ND	(	0.0128)	[1]	ND	(	0.0620)	[5]	ND	(	0.0124)	[1]
PCB-1260	ND	(0.0358)	[1]	ND	(0.0354)	[1]	ND	(0.172)	[5]	ND	(0.0344)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-17

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID		5		5		5	
LOCATION ID	5	05-MW-03	05-MW-04	05-MW-05	05-MW-05	05-MW-05	05-MW-05
SAMPLE ID	5	G94-05-MW-03	G94-05-MW-04	G94-05-MW-05	G94-05-MW-05	G94-05-MW-05	G94-05-MW-05
PARAMETER	5	05-MW-02	05-MW-03	05-MW-04	05-MW-05	05-MW-05	05-MW-05
G94-05-MW-02 Dup of							
G94-05-MW-02							
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Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-18

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	5		5		5		5		5	
	05-MW-02 694-05-MW-02-FD Dup of 694-05-MW-02		05-MW-03 694-05-MW-03		05-MW-04 694-05-MW-04		05-MW-05 694-05-MW-05			
	CONC. (ug/L)									
SW8260 - Volatile Organic Compounds, cont.										
Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)	[1]	ND
Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]	ND
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]	ND
Chlorobenzene	ND	(0.112)	[1]	ND	(0.112)	[1]	17.5 J	(28.0)	[250]	ND
Chloroethane	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(24.3)	[250]	1.20 J
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(9.08)	[250]	ND
Chloromethane	0.510	(0.155)	[1]	ND	(0.155)	[1]	222	(38.8)	[250]	2.85
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(7.08)	[250]	ND
Dibromomethane	ND	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(15.0)	[250]	ND
Ethyl benzene	ND	(0.110)	[1]	330	(3.30)	[30]	810	(27.5)	[250]	741
Meta-8Para-Xylene	0.0400 J	(0.365)	[1]	841	(11.0)	[30]	1840	(91.2)	[250]	2020
Methylene Chloride	0.950 B	(0.151)	[1]	0.930 B	(0.151)	[1]	398	(37.8)	[250]	20.2
Ortho-Xylene	ND	(0.124)	[1]	263	(3.72)	[30]	408	(31.0)	[250]	539
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(28.2)	[250]	ND
Tetrachloroethene	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(52.2)	[250]	ND
Toluene	ND	(0.0336)	[1]	2200	(3.36)	[100]	13400	(33.6)	[1000]	19100
Trichloroethene	0.300	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(11.0)	[250]	4.50
Trichlorofluoromethane	0.140	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(23.6)	[250]	ND
Vinyl Chloride	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(24.8)	[250]	ND
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(31.8)	[250]	ND
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(19.6)	[250]	ND
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(19.0)	[250]	ND
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(32.8)	[250]	ND
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(20.7)	[250]	ND

Compiled: 15 March 1995

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-19

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5				5				5				
	05-MW-02		05-MW-03		05-MW-04		05-MW-05		05-MW-04		05-MW-05		
	G94-05-MW-02-FD Dup of G94-05-MW-02		G94-05-MW-03		G94-05-MW-04		G94-05-MW-05		G94-05-MW-04		G94-05-MW-05		
SW8270 - Semivolatile Organics (ug/L)													
1,2,4-Trichlorobenzene	ND	(0.893)	[1]	ND	(0.875)	[1]	ND	(0.431)	[1]	ND	(0.440)	[1]	
1,2-Dichlorobenzene	ND	(0.755)	[1]	ND	(0.740)	[1]	ND	(0.602)	[1]	ND	(0.614)	[1]	
1,3-Dichlorobenzene	ND	(0.459)	[1]	ND	(0.450)	[1]	ND	(0.548)	[1]	ND	(0.558)	[1]	
1,4-Dichlorobenzene	ND	(0.719)	[1]	ND	(0.705)	[1]	ND	(0.717)	[1]	ND	(0.731)	[1]	
2,4,5-Trichlorophenol	ND	(0.716)	[1]	ND	(0.702)	[1]	ND	(0.539)	[1]	ND	(0.550)	[1]	
2,4,6-Trichlorophenol	ND	(0.515)	[1]	ND	(0.505)	[1]	ND	(0.642)	[1]	ND	(0.654)	[1]	
2,4-Dichlorophenol	ND	(0.231)	[1]	ND	(0.226)	[1]	ND	(0.852)	[1]	ND	(0.869)	[1]	
2,4-Dimethylphenol	ND	(0.900)	[1]	7.73	(0.882)	[1]	150	(0.790)	[1]	35.0	(0.806)	[1]	
2,4-Dinitrophenol	ND	(2.86)	[1]	ND	(2.80)	[1]	ND	(1.10)	[1]	ND	(1.12)	[1]	
2,4-Dinitrotoluene	ND	(0.512)	[1]	ND	(0.502)	[1]	ND	(0.670)	[1]	ND	(0.683)	[1]	
2,6-Dinitrotoluene	ND	(0.807)	[1]	ND	(0.791)	[1]	ND	(0.730)	[1]	ND	(0.745)	[1]	
2-Chloronaphthalene	ND	(1.17)	[1]	ND	(1.15)	[1]	ND	(0.644)	[1]	ND	(0.656)	[1]	
2-Chlorophenol	ND	(0.691)	[1]	ND	(0.677)	[1]	ND	(0.554)	[1]	ND	(0.565)	[1]	
2-Methylnaphthalene	ND	(0.744)	[1]	16.2	(0.729)	[1]	23.9	(0.569)	[1]	97.4	(0.580)	[1]	
2-Methylphenol	ND	(0.649)	[1]	35.9	(0.636)	[1]	302	(1.54)	[5]	219	(1.57)	[5]	
2-Nitroaniline	ND	(1.17)	[1]	ND	(1.15)	[1]	ND	(0.723)	[1]	ND	(0.738)	[1]	
2-Nitrophenol	ND	(0.705)	[1]	ND	(0.691)	[1]	ND	(0.726)	[1]	ND	(0.741)	[1]	
3,3'-Dichlorobenzidine	ND	(0.550)	[1]	ND	(0.539)	[1]	ND	(0.877)	[1]	ND	(0.894)	[1]	
3-Nitroaniline	ND	(0.878)	[1]	ND	(0.860)	[1]	ND	(0.763)	[1]	ND	(0.778)	[1]	
4,6-Dinitro-2-methylphenol	ND	(0.996)	[1]	ND	(0.976)	[1]	ND	(0.962)	[1]	ND	(0.981)	[1]	
4-Bromophenyl phenyl ether	ND	(0.899)	[1]	ND	(0.881)	[1]	ND	(0.411)	[1]	ND	(0.419)	[1]	
4-Chloro-3-methylphenol	ND	(0.679)	[1]	ND	(0.665)	[1]	ND	(0.392)	[1]	ND	(0.400)	[1]	
4-Chlorophenyl phenyl ether	ND	(0.586)	[1]	ND	(0.574)	[1]	ND	(0.458)	[1]	ND	(0.467)	[1]	
4-Methylphenol/3-Methylphenol	ND	(0.447)	[1]	16.0	(0.438)	[1]	252	(1.79)	[5]	128	(0.364)	[1]	
4-Nitroaniline	ND	(1.11)	[1]	ND	(1.09)	[1]	ND	(1.07)	[1]	ND	(1.09)	[1]	
4-Nitrophenol	ND	(2.85)	[1]	ND	(2.79)	[1]	ND	(1.14)	[1]	ND	(1.16)	[1]	
Acenaphthene	ND	(0.742)	[1]	ND	(0.727)	[1]	ND	(0.626)	[1]	ND	(0.639)	[1]	

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	5		5		5		5		5	
	05-MW-02 G94-05-MW-02-FD Dup of G94-05-MW-02		05-MW-03 G94-05-MW-03		05-MW-04 G94-05-MW-04		05-MW-05 G94-05-MW-05			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
PARAMETER	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)										
Acenaphthylene	ND	(0.647)	[1]	(0.634)	ND	(0.620)	[1]	(0.633)	ND	(0.633)
Anthracene	ND	(0.600)	[1]	(0.588)	ND	(0.748)	[1]	(0.762)	ND	(0.762)
Benzo(a)anthracene	ND	(0.562)	[1]	(0.551)	ND	(0.583)	[1]	(0.594)	ND	(0.594)
Benzo(a)pyrene	ND	(0.710)	[1]	(0.696)	ND	(0.779)	[1]	(0.794)	ND	(0.794)
Benzo(b)fluoranthene	ND	(0.717)	[1]	(0.703)	ND	(1.03)	[1]	(1.05)	ND	(1.05)
Benzo(g,h,i)perylene	ND	(0.691)	[1]	(0.677)	ND	(1.11)	[1]	(1.13)	ND	(1.13)
Benzo(k)fluoranthene	ND	(0.902)	[1]	(0.884)	ND	(1.08)	[1]	(1.10)	ND	(1.10)
Benzoic acid	ND	(6.15)	[1]	(6.03)	168 E	(2550)	[100]	(26.0)	127	(26.0)
Benzyl alcohol	ND	(0.620)	[1]	(0.608)	4.65	(0.527)	[1]	(0.538)	ND	(0.538)
Butylbenzylphthalate	ND	(1.81)	[1]	(1.77)	ND	(1.79)	[1]	(1.82)	ND	(1.82)
Chrysene	ND	(0.744)	[1]	(0.729)	ND	(0.971)	[1]	(0.990)	ND	(0.990)
Di-n-octylphthalate	ND	(0.814)	[1]	(0.798)	ND	(0.505)	[1]	(0.515)	ND	(0.515)
Dibenz(a,h)anthracene	ND	(0.747)	[1]	(0.732)	ND	(0.981)	[1]	(1.00)	ND	(1.00)
Dibenzofuran	ND	(0.567)	[1]	(0.556)	ND	(0.543)	[1]	(0.553)	1.95	(0.553)
Dibutylphthalate	ND	(0.594)	[1]	(0.582)	ND	(0.484)	[1]	(0.494)	ND	(0.494)
Diethylphthalate	ND	(0.389)	[1]	(0.381)	ND	(0.249)	[1]	(0.253)	ND	(0.253)
Dimethylphthalate	ND	(0.406)	[1]	(0.398)	ND	(0.439)	[1]	(0.448)	ND	(0.448)
Diphenylamine	ND	(0.945)	[1]	(0.926)	ND	(0.882)	[1]	(0.899)	ND	(0.899)
Fluoranthene	ND	(0.640)	[1]	(0.627)	ND	(0.578)	[1]	(0.589)	ND	(0.589)
Fluorene	ND	(0.531)	[1]	(0.520)	ND	(0.450)	[1]	(0.458)	ND	(0.458)
Hexachlorobenzene	ND	(0.719)	[1]	(0.705)	ND	(0.540)	[1]	(0.550)	ND	(0.550)
Hexachlorobutadiene	ND	(0.752)	[1]	(0.737)	ND	(1.01)	[1]	(1.03)	ND	(1.03)
Hexachlorocyclopentadiene	ND	(2.17)	[1]	(2.13)	ND	(1.17)	[1]	(1.19)	ND	(1.19)
Hexachloroethane	ND	(0.860)	[1]	(0.843)	ND	(0.541)	[1]	(0.551)	ND	(0.551)
Indeno(1,2,3-cd)pyrene	ND	(0.542)	[1]	(0.531)	ND	(0.865)	[1]	(0.882)	ND	(0.882)
Isophorone	ND	(0.781)	[1]	(0.765)	ND	(0.317)	[1]	(0.323)	ND	(0.323)
N-Nitroso-di-n-propylamine	ND	(0.440)	[1]	(0.431)	ND	(0.604)	[1]	(0.616)	ND	(0.616)

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID										
	LOCATION ID	SAMPLE ID									
SW8270 - Semivolatile Organics, cont. (ug/L)	5	5	5	5							
	05-MW-02	05-MW-03	05-MW-04	05-MW-05							
	G94-05-MW-02-FD Dup of	G94-05-MW-03	G94-05-MW-04	G94-05-MW-05							
	G94-05-MW-02										
	Naphthalene	ND	32.5	(0.634)	[1]	64.4	(0.756)	[1]	143	(0.771)	[1]
	Nitrobenzene	ND	ND	(1.14)	[1]	ND	(0.430)	[1]	ND	(0.439)	[1]
	Pentachloropheno]	ND	ND	(1.08)	[1]	ND	(0.933)	[1]	ND	(0.951)	[1]
	Phenanthrene	ND	ND	(0.831)	[1]	ND	(0.814)	[1]	0.782	(0.659)	[1]
	Phenol	ND	39.2	(0.340)	[1]	159	(0.333)	[1]	185	(1.86)	[5]
	Pyrene	ND	ND	(0.455)	[1]	ND	(0.446)	[1]	ND	(0.707)	[1]
	bis(2-Chloroethoxy)methane	ND	ND	(0.855)	[1]	ND	(0.838)	[1]	ND	(0.632)	[1]
	bis(2-Chloroethyl)ether	ND	ND	(0.943)	[1]	ND	(0.924)	[1]	ND	(0.487)	[1]
	bis(2-Chloroisopropyl)ether	ND	ND	(1.16)	[1]	ND	(1.14)	[1]	ND	(0.443)	[1]
	bis(2-Ethylhexyl)phthalate	ND	ND	(1.52)	[1]	3.51	(1.49)	[1]	14.1	(2.65)	[1]
	p-Chloroaniline	ND	ND	(0.907)	[1]	ND	(0.889)	[1]	ND	(0.939)	[1]

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A13-22

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID	SAMPLE ID	5	5	5	5	5	5	5	5
			05-MW-06	05-MW-07	05-MW-11	05-MW-13	05-MW-11	05-MW-13	05-MW-11	05-MW-13
			G94-05-MW-06	G94-05-MW-07	G94-05-MW-11	G94-05-MW-13	G94-05-MW-11	G94-05-MW-13	G94-05-MW-11	G94-05-MW-13
<hr/>										
AK101 - Gasoline Range Organics (ug/L)	0.00 JB	(50.0)	[1]	97000	(50.0)	[1]	1200	(50.0)	[1]	13.0 J (50.0) [1]
Gasoline Range Organics										
AK102 - Diesel Range Organics (ug/L)	53.0 J	(100)	[1]	8700	(100)	[1]	1200	(100)	[1]	140 (100) [1]
Diesel Range Organics										
<hr/>										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.00288)	[1]	ND	(0.0150)	[5]	ND	(0.00299)	[1]	ND (0.0110) [5]
4,4'-DDE	ND	(0.00331)	[1]	ND	(0.0172)	[5]	ND	(0.00344)	[1]	ND (0.0227) [5]
4,4'-DDT	ND	(0.00353)	[1]	0.0506 KJ	(0.0652)	[5]	0.00640	(0.00367)	[1]	ND (0.0366) [5]
Aldrin	0.0114	(0.00395)	[1]	ND	(0.0120)	[5]	0.00540	(0.00411)	[1]	ND (0.0143) [5]
Chlordane	ND	(0.0192)	[1]	ND	(0.0995)	[5]	ND	(0.0199)	[1]	ND (0.118) [5]
Dieldrin	0.0169	(0.00270)	[1]	ND	(0.0140)	[5]	0.0102	(0.00280)	[1]	ND (0.0198) [5]
Endosulfan I	0.00200 PJ	(0.00431)	[1]	ND	(0.0107)	[5]	0.00360 KJ	(0.00448)	[1]	ND (0.0446) [5]
Endosulfan II	ND	(0.00362)	[1]	ND	(0.0188)	[5]	ND	(0.00376)	[1]	ND (0.0186) [5]
Endosulfan Sulfate	ND	(0.00478)	[1]	0.00430 KJ	(0.0500)	[5]	0.00410 J	(0.00497)	[1]	ND (0.0267) [5]
Endrin	ND	(0.00729)	[1]	ND	(0.0379)	[5]	ND	(0.00758)	[1]	ND (0.0356) [5]
Endrin Aldehyde	0.00140 PJ	(0.00602)	[1]	ND	(0.0313)	[5]	ND	(0.00625)	[1]	ND (0.0196) [5]
Heptachlor	0.00280 J	(0.00522)	[1]	0.00290 PJ	(0.0271)	[5]	ND	(0.00542)	[1]	ND (0.0116) [5]
Heptachlor epoxide	0.00850 P	(0.00181)	[1]	0.0270 P	(0.00941)	[5]	0.00510 P	(0.00188)	[1]	ND (0.0111) [5]
Methoxychlor	ND	(0.0380)	[1]	ND	(0.198)	[5]	ND	(0.0395)	[1]	ND (0.268) [5]
PCB-1016	ND	(0.0308)	[1]	ND	(0.160)	[5]	ND	(0.0321)	[1]	ND (0.120) [5]
PCB-1221	ND	(0.0277)	[1]	ND	(0.144)	[5]	ND	(0.0288)	[1]	ND (0.114) [5]
PCB-1232	ND	(0.0701)	[1]	ND	(0.364)	[5]	ND	(0.0728)	[1]	ND (0.0858) [5]
PCB-1242	ND	(0.0257)	[1]	ND	(0.133)	[5]	ND	(0.0267)	[1]	ND (0.588) [5]
PCB-1248	ND	(0.0304)	[1]	ND	(0.158)	[5]	ND	(0.0316)	[1]	ND (0.204) [5]
PCB-1254	ND	(0.0122)	[1]	ND	(0.0632)	[5]	ND	(0.0126)	[1]	ND (0.151) [5]
PCB-1260	ND	(0.0338)	[1]	ND	(0.175)	[5]	ND	(0.0351)	[1]	ND (0.171) [5]
Toxaphene	ND	(0.0542)	[1]	ND	(0.282)	[5]	ND	(0.0564)	[1]	ND (0.209) [5]

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		5	
	LOCATION ID SAMPLE ID	5 05-MW-07 G94-05-MW-07	5 05-MW-11 G94-05-MW-11	5 05-MW-13 G94-05-MW-13
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00236)	[1]	0.161 (0.0143)	[5]
beta-BHC	ND (0.00390)	[1]	ND (0.0166)	[5]
delta-BHC	ND (0.00224)	[1]	ND (0.0117)	[5]
gamma-BHC	0.00860 (0.00172)	[1]	0.156 (0.00892)	[5]
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	[1]	ND (1.28)	[15]
1,1,1-Trichloroethane	ND (0.0992)	[1]	ND (1.49)	[15]
1,1,2,2-Tetrachloroethane	ND (0.170)	[1]	ND (2.55)	[15]
1,1,2-Trichloroethane	ND (0.0920)	[1]	ND (1.38)	[15]
1,1-Dichloroethane	ND (0.0886)	[1]	ND (1.33)	[15]
1,1-Dichloroethene	ND (0.0806)	[1]	ND (1.21)	[15]
1,2,3-Trichloropropane	ND (0.233)	[1]	ND (3.50)	[15]
1,2-Dichlorobenzene	ND (0.354)	[1]	ND (5.31)	[15]
1,2-Dichloroethane	ND (0.0791)	[1]	59.2 (1.19)	[15]
1,2-Dichloropropane	ND (0.0742)	[1]	ND (1.11)	[15]
1,3-Dichlorobenzene	ND (0.391)	[1]	ND (5.86)	[15]
1,4-Dichlorobenzene	ND (0.423)	[1]	ND (6.34)	[15]
1-Chlorohexane	ND (0.154)	[1]	ND (2.31)	[15]
2-Butanone(MEK)	ND (0.890)	[1]	ND (13.4)	[15]
2-Chloroethyl vinyl ether	ND (0.124)	[1]	ND (1.86)	[15]
2-Hexanone	ND (0.766)	[1]	ND (11.5)	[15]
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	[1]	ND (7.52)	[15]
Acetone	2.49 B (2.09)	[1]	56.4 (31.4)	[15]
Benzene	0.0700 B (0.0307)	[1]	24400 (15.4)	[500]
Bromobenzene	ND (0.165)	[1]	ND (2.48)	[15]
Bromodichloromethane	ND (0.0536)	[1]	ND (0.804)	[15]
Bromoform	ND (0.108)	[1]	ND (1.62)	[15]

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID		
LOCATION ID		
SAMPLE ID		
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05-MW-06	05-MW-07	05-MW-11
694-05-MW-06	694-05-MW-07	694-05-MW-11
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Compiled: 15 March 1995

() = Detection Limit

□ = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-25

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	5	5	5	5
	05-MW-06	05-MW-07	05-MW-11	05-MW-13
	G94-05-MW-06	G94-05-MW-07	G94-05-MW-11	G94-05-MW-13
SW8270 - Semivolatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	ND (0.382) [1]	ND (0.542) [1]	ND (0.553) [1]	ND (0.446) [1]
1,4-Dichlorobenzene	ND (1.50) [1]	ND (0.710) [1]	ND (0.724) [1]	ND (0.698) [1]
2,4,5-Trichlorophenol	ND (0.305) [1]	ND (0.534) [1]	ND (0.544) [1]	ND (0.695) [1]
2,4,6-Trichlorophenol	ND (0.363) [1]	ND (0.636) [1]	ND (0.648) [1]	ND (0.500) [1]
2,4-Dichlorophenol	ND (0.381) [1]	ND (0.844) [1]	ND (0.861) [1]	ND (0.224) [1]
2,4-Dimethylphenol	ND (0.621) [1]	48.2 (0.783) [1]	ND (0.798) [1]	ND (0.873) [1]
2,4-Dinitrophenol	ND (1.14) [1]	ND (1.09) [1]	ND (1.11) [1]	ND (2.77) [1]
2,4-Dinitrotoluene	ND (0.299) [1]	ND (0.663) [1]	ND (0.676) [1]	ND (0.497) [1]
2,6-Dinitrotoluene	ND (0.583) [1]	ND (0.723) [1]	ND (0.737) [1]	ND (0.783) [1]
2-Chloronaphthalene	ND (0.752) [1]	ND (0.637) [1]	ND (0.650) [1]	ND (1.14) [1]
2-Chlorophenol	ND (0.507) [1]	ND (0.549) [1]	ND (0.560) [1]	ND (0.670) [1]
2-Methylnaphthalene	ND (0.765) [1]	ND (0.563) [1]	ND (0.575) [1]	ND (0.722) [1]
2-Methylphenol	ND (0.450) [1]	415 (3.05) [10]	ND (0.311) [1]	ND (0.630) [1]
2-Nitroaniline	ND (0.486) [1]	ND (0.716) [1]	ND (0.730) [1]	ND (1.14) [1]
2-Nitrophenol	ND (0.729) [1]	ND (0.719) [1]	ND (0.733) [1]	ND (0.684) [1]
3,3'-Dichlorobenzidine	ND (3.49) [1]	ND (0.868) [1]	ND (0.885) [1]	ND (0.534) [1]
3-Nitroaniline	ND (0.482) [1]	ND (0.756) [1]	ND (0.771) [1]	ND (0.851) [1]
4,6-Dinitro-2-methylphenol	ND (2.73) [1]	ND (0.953) [1]	ND (0.972) [1]	ND (0.966) [1]
4-Bromophenyl phenyl ether	ND (0.272) [1]	ND (0.407) [1]	ND (0.415) [1]	ND (0.872) [1]
4-Chloro-3-methylphenol	ND (0.358) [1]	ND (0.388) [1]	ND (0.396) [1]	ND (0.658) [1]
4-Chlorophenyl phenyl ether	ND (0.425) [1]	ND (0.454) [1]	ND (0.463) [1]	ND (0.568) [1]
4-Methylphenol/3-Methylphenol	ND (0.417) [1]	201 F (3.54) [10]	ND (0.361) [1]	ND (0.434) [1]
4-Nitroaniline	ND (0.586) [1]	ND (1.06) [1]	ND (1.08) [1]	ND (1.08) [1]
4-Nitrophenol	ND (0.718) [1]	ND (1.12) [1]	ND (1.15) [1]	ND (2.76) [1]
Acenaphthene	ND (0.570) [1]	ND (0.620) [1]	ND (0.632) [1]	ND (0.720) [1]
Acenaphthylene	ND (0.581) [1]	ND (0.614) [1]	ND (0.626) [1]	ND (0.628) [1]
Anthracene	ND (0.626) [1]	ND (0.740) [1]	ND (0.755) [1]	ND (0.582) [1]
Benzo(a)anthracene	ND (0.687) [1]	ND (0.577) [1]	ND (0.588) [1]	ND (0.546) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									

SW8270 - Semivolatile Organics, cont. (ug/L)	5											
	05-MW-06		05-MW-07									
	G94-05-MW-06		G94-05-MW-07									

Benzo(a)pyrene	ND	(0.624)	[1]	ND	(0.771)	[1]	ND	(0.786)	[1]	ND	(0.689)	[1]
Benzo(b)fluoranthene	ND	(0.612)	[1]	ND	(1.02)	[1]	ND	(1.04)	[1]	ND	(0.696)	[1]
Benzo(g,h,i)perylene	ND	(0.662)	[1]	ND	(1.10)	[1]	ND	(1.12)	[1]	ND	(0.670)	[1]
Benzo(k)fluoranthene	ND	(0.892)	[1]	ND	(1.07)	[1]	ND	(1.09)	[1]	ND	(0.875)	[1]
Benzoic acid	ND	(5.69)	[1]	1150	(253)	[10]	1.45 J	(25.8)	[1]	ND	(5.97)	[1]
Benzy alcohol	ND	(0.404)	[1]	ND	(0.522)	[1]	ND	(0.532)	[1]	ND	(0.602)	[1]
Butylbenzylphthalate	ND	(0.447)	[1]	ND	(1.77)	[1]	ND	(1.80)	[1]	ND	(1.75)	[1]
Chrysene	ND	(0.695)	[1]	ND	(0.962)	[1]	ND	(0.980)	[1]	ND	(0.722)	[1]
Di-n-octylphthalate	ND	(0.609)	[1]	ND	(0.500)	[1]	ND	(0.510)	[1]	ND	(0.790)	[1]
Dibenz(a,h)anthracene	ND	(0.764)	[1]	ND	(0.971)	[1]	ND	(0.990)	[1]	ND	(0.725)	[1]
Dibenzofuran	ND	(0.574)	[1]	5.93	(0.537)	[1]	ND	(0.548)	[1]	ND	(0.550)	[1]
Dibutylphthalate	ND	(0.448)	[1]	ND	(0.480)	[1]	ND	(0.489)	[1]	ND	(0.576)	[1]
Diethylphthalate	ND	(0.612)	[1]	ND	(0.246)	[1]	ND	(0.251)	[1]	ND	(0.377)	[1]
Dimethylphthalate	ND	(0.382)	[1]	ND	(0.435)	[1]	ND	(0.443)	[1]	ND	(0.394)	[1]
Diphenylamine	ND	(0.612)	[1]	ND	(0.873)	[1]	ND	(0.890)	[1]	ND	(0.917)	[1]
Fluoranthene	ND	(0.634)	[1]	ND	(0.572)	[1]	ND	(0.583)	[1]	ND	(0.621)	[1]
Fluorene	ND	(0.670)	[1]	5.89	(0.445)	[1]	ND	(0.454)	[1]	ND	(0.515)	[1]
Hexachlorobenzene	ND	(0.507)	[1]	ND	(0.535)	[1]	ND	(0.545)	[1]	ND	(0.698)	[1]
Hexachlorobutadiene	ND	(0.674)	[1]	ND	(1.00)	[1]	ND	(1.02)	[1]	ND	(0.730)	[1]
Hexachlorocyclopentadiene	ND	(1.87)	[1]	ND	(1.15)	[1]	ND	(1.18)	[1]	ND	(2.11)	[1]
Hexachloroethane	ND	(1.69)	[1]	ND	(0.536)	[1]	ND	(0.546)	[1]	ND	(0.835)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.720)	[1]	ND	(0.857)	[1]	ND	(0.874)	[1]	ND	(0.526)	[1]
Isophorone	ND	(0.321)	[1]	ND	(0.313)	[1]	ND	(0.320)	[1]	ND	(0.757)	[1]
N-Nitroso-di-n-propylamine	ND	(0.535)	[1]	ND	(0.598)	[1]	ND	(0.610)	[1]	ND	(0.427)	[1]
Naphthalene	ND	(0.678)	[1]	126	(0.749)	[1]	ND	(0.764)	[1]	ND	(0.628)	[1]
Nitrobenzene	ND	(0.513)	[1]	ND	(0.426)	[1]	ND	(0.434)	[1]	ND	(1.13)	[1]
Pentachlorophenol	ND	(0.458)	[1]	ND	(0.924)	[1]	ND	(0.942)	[1]	ND	(1.05)	[1]
Phenanthrene	ND	(0.582)	[1]	0.787	(0.640)	[1]	ND	(0.653)	[1]	ND	(0.806)	[1]

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05-MW-11												
G94-05-MW-11												

5												
05-MW-13												
G94-05-MW-13												
Benzo(a)pyrene	ND	(0.689)	[1]	ND	(0.689)	[1]	ND	(0.689)	[1]	ND	(0.689)	[1]
Benzo(b)fluoranthene	ND	(0.696)	[1]	ND	(0.696)	[1]	ND	(0.696)	[1]	ND	(0.696)	[1]
Benzo(g,h,i)perylene	ND	(0.670)	[1]	ND	(0.670)	[1]	ND	(0.670)	[1]	ND	(0.670)	[1]
Benzo(k)fluoranthene	ND	(0.875)	[1]	ND	(0.875)	[1]	ND	(0.875)	[1]	ND	(0.875)	[1]
Benzoic acid	ND	(5.97)	[1]	ND	(5.97)	[1]	ND	(5.97)	[1]	ND	(5.97)	[1]
Benzy alcohol	ND	(0.602)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]
Butylbenzylphthalate	ND	(1.75)	[1]	ND	(1.75)	[1]	ND	(1.75)	[1]	ND	(1.75)	[1]
Chrysene	ND	(0.722)	[1]	ND	(0.722)	[1]	ND	(0.722)	[1]	ND	(0.722)	[1]
Di-n-octylphthalate	ND	(0.790)	[1]	ND	(0.790)	[1]	ND	(0.790)	[1]	ND	(0.790)	[1]
Dibenz(a,h)anthracene	ND	(0.725)	[1]	ND	(0.725)	[1]	ND	(0.725)	[1]	ND	(0.725)	[1]
Dibenzofuran	ND	(0.550)	[1]	ND	(0.550)	[1]	ND	(0.550)	[1]	ND	(0.550)	[1]
Dibutylphthalate	ND	(0.576)	[1]	ND	(0.576)	[1]	ND	(0.576)	[1]	ND	(0.576)	[1]
Diethylphthalate	ND	(0.377)	[1]	ND	(0.377)	[1]	ND	(0.377)	[1]	ND	(0.377)	[1]
Dimethylphthalate	ND	(0.394)	[1]	ND	(0.394)	[1]	ND	(0.394)	[1]	ND	(0.394)	[1]
Diphenylamine	ND	(0.917)	[1]	ND	(0.917)	[1]	ND	(0.917)	[1]	ND	(0.917)	[1]
Fluoranthene	ND	(0.621)	[1]	ND	(0.621)	[1]	ND	(0.621)	[1]	ND	(0.621)	[1]
Fluorene	ND	(0.515)	[1]	ND	(0.515)	[1]	ND	(0.515)	[1]	ND	(0.515)	[1]
Hexachlorobenzene	ND	(0.698)	[1]	ND	(0.698)	[1]	ND	(0.698)	[1]	ND	(0.698)	[1]
Hexachlorobutadiene	ND	(0.730)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]
Hexachlorocyclopentadiene	ND	(2.11)	[1]	ND	(2.11)	[1]	ND	(2.11)	[1]	ND	(2.11)	[1]
Hexachloroethane	ND	(0.835)	[1]	ND	(0.835)	[1]	ND	(0.835)	[1]	ND	(0.835)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.526)	[1]	ND	(0.526)	[1]	ND	(0.526)	[1]	ND	(0.526)	[1]
Isophorone	ND	(0.757)	[1]	ND	(0.757)	[1]	ND	(0.757)	[1]	ND	(0.757)	[1]
N-Nitroso-di-n-propylamine	ND	(0.427)	[1]	ND	(0.427)	[1]	ND	(0.427)	[1]	ND	(0.427)	[1]
Naphthalene	ND	(0.628)	[1]	ND	(0.628)	[1]	ND	(0.628)	[1]	ND	(0.628)	[1]
Nitrobenzene	ND	(1.13)	[1]	ND	(1.13)	[1]	ND	(1.13)	[1]	ND	(1.13)	[1]
Pentachlorophenol	ND	(1.05)	[1]	ND	(1.05)	[1]	ND	(1.05)	[1]	ND	(1.05)	[1]
Phenanthrene	ND	(0.806)	[1]	ND	(0.806)	[1]	ND	(0.806)	[1]	ND	(0.806)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-27

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit □ = Dilution Factor NA = Not Detected * - Value considered suspect, Refer to QC Report

AL3-28

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5												8																						
	05-MW-14						05-MW-15						06-MW-01						06-MW-02																
	694-05-MW-14						694-05-MW-15						694-06-MW-01						694-06-MW-02																
SITE ID												LOCATION ID												SAMPLE ID											
-----												-----												-----											
AK101 - Gasoline Range Organics (ug/L)												AK102 - Diesel Range Organics (ug/L)												SW8080 - Organochlorine Pesticides and PCBs (ug/L)											
Gasoline Range Organics												Diesel Range Organics												Gasoline Range Organics											
76.0 (50.0) [1]												0.00 JB (100) [1]												3800 (50.0) [1]											
10.0 J (50.0) [1]												28.0 J (100) [1]												38.0 J (50.0) [1]											
ND (0.00311) [1]												ND (0.00293) [1]												ND (0.00223) [1]											
ND (0.00388) [1]												ND (0.00365) [1]												ND (0.00459) [1]											
0.0121 KJ (0.0136) [1]												ND (0.00360) [1]												0.00840 KJ (0.00869) [1]											
ND (0.00428) [1]												0.00510 (0.00403) [1]												ND (0.00289) [1]											
ND (0.0207) [1]												ND (0.0195) [1]												ND (0.0238) [1]											
ND (0.00292) [1]												ND (0.00399) [1]												ND (0.00399) [1]											
0.00120 KJ (0.00466) [1]												ND (0.00210) [1]												ND (0.00901) [1]											
ND (0.00392) [1]												ND (0.00369) [1]												ND (0.00376) [1]											
0.00280 KJ (0.0104) [1]												0.00650 KJ (0.00981) [1]												ND (0.00539) [1]											
ND (0.00789) [1]												ND (0.00743) [1]												ND (0.00719) [1]											
ND (0.00651) [1]												ND (0.00613) [1]												ND (0.00396) [1]											
ND (0.00564) [1]												ND (0.00532) [1]												ND (0.00126) [1]											
0.000800 J (0.00973) [1]												0.0132 (0.00917) [1]												0.000300 KJ (0.00126) [1]											
ND (0.0411) [1]												ND (0.0387) [1]												ND (0.00225) [1]											
ND (0.0334) [1]												ND (0.0314) [1]												ND (0.0542) [1]											
ND (0.0300) [1]												ND (0.0283) [1]												ND (0.0242) [1]											
ND (0.0758) [1]												ND (0.0714) [1]												ND (0.0230) [1]											
ND (0.0278) [1]												ND (0.0262) [1]												ND (0.0173) [1]											
ND (0.0329) [1]												ND (0.0310) [1]												ND (0.119) [1]											
ND (0.0132) [1]												ND (0.0124) [1]												ND (0.0413) [1]											
ND (0.0365) [1]												ND (0.0344) [1]												ND (0.0305) [1]											
ND (0.0587) [1]												ND (0.0553) [1]												ND (0.0346) [1]											
ND (0.00296) [1]												ND (0.00278) [1]												ND (0.0423) [1]											
ND (0.00341) [1]												ND (0.00213) [1]												ND (0.0391) [1]											
ND (0.00363) [1]												ND (0.00373) [1]												ND (0.0317) [1]											
ND (0.00407) [1]												ND (0.00990) [1]												ND (0.0285) [1]											
ND (0.0197) [1]												ND (0.00750) [1]												ND (0.0721) [1]											
ND (0.00278) [1]												ND (0.00619) [1]												ND (0.0264) [1]											
ND (0.00213) [1]												ND (0.00537) [1]												ND (0.0313) [1]											
ND (0.00373) [1]												ND (0.00926) [1]												ND (0.0125) [1]											
ND (0.00990) [1]												ND (0.00926) [1]												ND (0.0348) [1]											
ND (0.00750) [1]												ND (0.0391) [1]												ND (0.0558) [1]											
ND (0.00619) [1]												ND (0.0317) [1]												ND (0.00296) [1]											
ND (0.00537) [1]												ND (0.0285) [1]												ND (0.00278) [1]											
ND (0.00407) [1]												ND (0.00373) [1]												ND (0.00213) [1]											
ND (0.00363) [1]												ND (0.00341) [1]												ND (0.00296) [1]											
ND (0.00278) [1]												ND (0.00213) [1]												ND (0.00197) [1]											
ND (0.00213) [1]												ND (0.00197) [1]												ND (0.00140) [1]											
ND (0.00140) [1]												ND (0.000800) [1]												ND (0.000300) [1]											
ND (0.000800) [1]												ND (0.000300) [1]												ND (0.000300) [1]											
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ND (0.000300) [1]												ND (0.000300) [1]																							

Compiled: 15 March 1995

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ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-29

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8			
	LOCATION ID		SAMPLE ID		5		8	
	05-MW-14 G94-05-MW-14		05-MW-15 G94-05-MW-15		06-MW-01 G94-06-MW-01		06-MW-02 G94-06-MW-02	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)								
alpha-BHC	ND	(0.00240)	[1]	ND	(0.00255)	[1]	ND	(0.00425)
beta-BHC	ND	(0.00397)	[1]	ND	(0.00421)	[1]	ND	(0.00336)
delta-BHC	ND	(0.00229)	[1]	ND	(0.00243)	[1]	ND	(0.00216)
gamma-BHC	ND	(0.00175)	[1]	ND	(0.00186)	[1]	ND	(0.00387)
SW8260 - Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	1.26	(0.0920)
1,1-Dichloroethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	0.710	(0.0886)
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	5.65	(0.0806)
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)
1,2-Dichloroethane	ND	(0.0791)	[1]	0.560	(0.0791)	[1]	0.740	(0.0791)
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)
2-Butanone(MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)
4-Methyl-2-Pentanone(MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)
Acetone	2.43 B	(2.09)	[1]	5.23	(2.09)	[1]	4.92 B	(2.09)
Benzene	0.0400 B	(0.0307)	[1]	0.0400 B	(0.0307)	[1]	0.640	(0.0307)
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)
Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)

Compiled: 15 March 1995

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* - Value considered suspect, Refer to QC Report

A13-30

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8			
	5		8		8		8	
	LOCATION ID SAMPLE ID	05-MW-14 694-05-MW-14	05-MW-15 694-05-MW-15	06-MW-01 694-06-MW-01	06-MW-02 694-06-MW-02	06-MW-01 694-06-MW-01	06-MW-02 694-06-MW-02	06-MW-01 694-06-MW-01
SW8260 - Volatile Organic Compounds, cont. (ug/L)								
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]
Chloromethane	0.170 B (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]
Dibromomethane	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]
Ethyl benzene	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]
Meta-&Para-Xylene	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]
Methylene Chloride	0.230 B (0.151) [1]	0.190 B (0.151) [1]	ND (0.151) [1]	ND (0.151) [1]	ND (0.151) [1]	ND (0.151) [1]	ND (0.151) [1]	ND (0.151) [1]
Ortho-Xylene	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]
Toluene	0.0300 JB (0.0336) [1]	0.0700 (0.0336) [1]	ND (0.0336) [1]	ND (0.0336) [1]	ND (0.0336) [1]	ND (0.0336) [1]	ND (0.0336) [1]	ND (0.0336) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]
cis-1,2-Dichloroethene	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND (0.431) [1]	ND (0.431) [1]	ND (0.440) [1]	ND (0.617) [1]	ND (0.486) [1]	ND (0.617) [1]	ND (0.486) [1]	ND (0.486) [1]
1,2-Dichlorobenzene	ND (0.602) [1]	ND (0.602) [1]	ND (0.614) [1]	ND (0.674) [1]	ND (0.589) [1]	ND (0.674) [1]	ND (0.589) [1]	ND (0.589) [1]

Compiled: 15 March 1995

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A13-31

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5				8			
	05-MW-14 G94-05-MW-14		05-MW-15 G94-05-MW-15		06-MW-01 G94-06-MW-01		06-MW-02 G94-06-MW-02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)								
1,3-Dichlorobenzene	ND	(0.548)	[1]	ND	(0.558)	[1]	ND	(0.395)
1,4-Dichlorobenzene	ND	(0.717)	[1]	ND	(0.731)	[1]	ND	(1.34)
2,4,5-Trichloropheno1	ND	(0.539)	[1]	ND	(0.550)	[1]	ND	(0.456)
2,4,6-Trichloropheno1	ND	(0.642)	[1]	ND	(0.654)	[1]	ND	(0.431)
2,4-Dichloropheno1	ND	(0.852)	[1]	ND	(0.869)	[1]	ND	(0.671)
2,4-Dimethylpheno1	ND	(0.790)	[1]	ND	(0.806)	[1]	ND	(0.622)
2,4-Dinitrophenol	ND	(1.10)	[1]	ND	(1.12)	[1]	ND	(1.83)
2,4-Dinitrotoluene	ND	(0.670)	[1]	ND	(0.683)	[1]	ND	(0.744)
2,6-Dinitrotoluene	ND	(0.730)	[1]	ND	(0.745)	[1]	ND	(0.720)
2-Chloronaphthalene	ND	(0.644)	[1]	ND	(0.656)	[1]	ND	(0.921)
2-Chloropheno1	ND	(0.554)	[1]	ND	(0.565)	[1]	ND	(0.610)
2-Methylnaphthalene	ND	(0.569)	[1]	ND	(0.580)	[1]	ND	(1.12)
2-Methylpheno1	ND	(0.308)	[1]	ND	(0.314)	[1]	ND	(0.550)
2-Nitroaniline	ND	(0.723)	[1]	ND	(0.738)	[1]	ND	(0.716)
2-Nitrophenol	ND	(0.726)	[1]	ND	(0.741)	[1]	ND	(1.03)
3,3'-Dichlorobenzidine	ND	(0.877)	[1]	ND	(0.894)	[1]	ND	(0.685)
3-Nitroaniline	ND	(0.763)	[1]	ND	(0.778)	[1]	ND	(0.856)
4,6-Dinitro-2-methylpheno1	ND	(0.962)	[1]	ND	(0.981)	[1]	ND	(0.437)
4-Bromophenyl phenyl ether	ND	(0.411)	[1]	ND	(0.419)	[1]	ND	(0.720)
4-Chloro-3-methylpheno1	ND	(0.392)	[1]	ND	(0.400)	[1]	ND	(0.598)
4-Chlorophenyl phenyl ether	ND	(0.458)	[1]	ND	(0.467)	[1]	ND	(0.859)
4-Methylpheno1/3-Methylpheno1	ND	(0.357)	[1]	ND	(0.364)	[1]	ND	(0.822)
4-Nitroaniline	ND	(1.07)	[1]	ND	(1.09)	[1]	ND	(0.550)
4-Nitrophenol	ND	(1.14)	[1]	ND	(1.16)	[1]	ND	(1.10)
Acenaphthene	ND	(0.626)	[1]	ND	(0.639)	[1]	ND	(0.640)
Acenaphthylene	ND	(0.620)	[1]	ND	(0.633)	[1]	ND	(0.436)
Anthracene	ND	(0.748)	[1]	ND	(0.762)	[1]	ND	(0.440)
Benzo(a)anthracene	ND	(0.583)	[1]	ND	(0.594)	[1]	ND	(0.489)

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A13-32

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8			
	LOCATION ID		SAMPLE ID		5		8	
	05-MW-14	05-MW-15	06-MW-01	06-MW-02	05-MW-14	05-MW-15	06-MW-01	06-MW-02
	G94-05-MW-14	G94-05-MW-15	G94-06-MW-01	G94-06-MW-02	G94-05-MW-14	G94-05-MW-15	G94-06-MW-01	G94-06-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)								
Benzo(a)pyrene	ND (0.779) [1]	ND (0.794) [1]	ND (0.653) [1]	ND (0.645) [1]	ND (0.779) [1]	ND (0.794) [1]	ND (0.653) [1]	ND (0.645) [1]
Benzo(b)fluoranthene	ND (1.03) [1]	ND (1.05) [1]	ND (0.735) [1]	ND (0.633) [1]	ND (1.03) [1]	ND (1.05) [1]	ND (0.735) [1]	ND (0.633) [1]
Benzo(g,h,i)perylene	ND (1.11) [1]	ND (1.13) [1]	ND (0.655) [1]	ND (0.685) [1]	ND (1.11) [1]	ND (1.13) [1]	ND (0.655) [1]	ND (0.685) [1]
Benzo(k)fluoranthene	ND (1.08) [1]	ND (1.10) [1]	ND (1.06) [1]	ND (0.922) [1]	ND (1.08) [1]	ND (1.10) [1]	ND (1.06) [1]	ND (0.922) [1]
Benzoic acid	ND (25.5) [1]	ND (26.0) [1]	ND (2.98) [1]	ND (5.88) [1]	ND (25.5) [1]	ND (26.0) [1]	ND (2.98) [1]	ND (5.88) [1]
Benzyl alcohol	ND (0.527) [1]	ND (0.538) [1]	ND (0.668) [1]	ND (0.418) [1]	ND (0.527) [1]	ND (0.538) [1]	ND (0.668) [1]	ND (0.418) [1]
Butylbenzylphthalate	ND (1.79) [1]	ND (1.82) [1]	ND (0.857) [1]	ND (0.462) [1]	ND (1.79) [1]	ND (1.82) [1]	ND (0.857) [1]	ND (0.462) [1]
Chrysene	ND (0.971) [1]	ND (0.990) [1]	ND (0.591) [1]	ND (0.719) [1]	ND (0.971) [1]	ND (0.990) [1]	ND (0.591) [1]	ND (0.719) [1]
Di-n-octylphthalate	ND (0.505) [1]	ND (0.515) [1]	ND (0.644) [1]	ND (0.630) [1]	ND (0.505) [1]	ND (0.515) [1]	ND (0.644) [1]	ND (0.630) [1]
Dibenz(a,h)anthracene	ND (0.981) [1]	ND (1.00) [1]	ND (0.698) [1]	ND (0.790) [1]	ND (0.981) [1]	ND (1.00) [1]	ND (0.698) [1]	ND (0.790) [1]
Dibenzofuran	ND (0.543) [1]	ND (0.553) [1]	ND (0.512) [1]	ND (0.593) [1]	ND (0.543) [1]	ND (0.553) [1]	ND (0.512) [1]	ND (0.593) [1]
Dibutylphthalate	ND (0.484) [1]	ND (0.494) [1]	ND (0.328) [1]	ND (0.463) [1]	ND (0.484) [1]	ND (0.494) [1]	ND (0.328) [1]	ND (0.463) [1]
Diethylphthalate	ND (0.249) [1]	ND (0.253) [1]	ND (0.284) [1]	ND (0.633) [1]	ND (0.249) [1]	ND (0.253) [1]	ND (0.284) [1]	ND (0.633) [1]
Dimethylphthalate	ND (0.439) [1]	ND (0.448) [1]	ND (0.425) [1]	ND (0.395) [1]	ND (0.439) [1]	ND (0.448) [1]	ND (0.425) [1]	ND (0.395) [1]
Diphenylamine	ND (0.882) [1]	ND (0.899) [1]	ND (0.630) [1]	ND (0.633) [1]	ND (0.882) [1]	ND (0.899) [1]	ND (0.630) [1]	ND (0.633) [1]
Fluoranthene	ND (0.578) [1]	ND (0.589) [1]	ND (0.656) [1]	ND (0.656) [1]	ND (0.578) [1]	ND (0.589) [1]	ND (0.656) [1]	ND (0.656) [1]
Fluorene	ND (0.450) [1]	ND (0.458) [1]	ND (0.608) [1]	ND (0.693) [1]	ND (0.450) [1]	ND (0.458) [1]	ND (0.608) [1]	ND (0.693) [1]
Hexachlorobenzene	ND (0.540) [1]	ND (0.550) [1]	ND (1.44) [1]	ND (0.524) [1]	ND (0.540) [1]	ND (0.550) [1]	ND (1.44) [1]	ND (0.524) [1]
Hexachlorobutadiene	ND (1.01) [1]	ND (1.03) [1]	ND (0.941) [1]	ND (0.697) [1]	ND (1.01) [1]	ND (1.03) [1]	ND (0.941) [1]	ND (0.697) [1]
Hexachlorocyclopentadiene	ND (1.17) [1]	ND (1.19) [1]	ND (0.813) [1]	ND (1.93) [1]	ND (1.17) [1]	ND (1.19) [1]	ND (0.813) [1]	ND (1.93) [1]
Hexachloroethane	ND (0.541) [1]	ND (0.551) [1]	ND (5.32) [1]	ND (1.75) [1]	ND (0.541) [1]	ND (0.551) [1]	ND (5.32) [1]	ND (1.75) [1]
Indeno(1,2,3-cd)pyrene	ND (0.865) [1]	ND (0.882) [1]	ND (0.511) [1]	ND (0.744) [1]	ND (0.865) [1]	ND (0.882) [1]	ND (0.511) [1]	ND (0.744) [1]
Isophorone	ND (0.317) [1]	ND (0.323) [1]	ND (0.524) [1]	ND (0.332) [1]	ND (0.317) [1]	ND (0.323) [1]	ND (0.524) [1]	ND (0.332) [1]
N-Nitroso-di-n-propylamine	ND (0.604) [1]	ND (0.616) [1]	ND (0.769) [1]	ND (0.553) [1]	ND (0.604) [1]	ND (0.616) [1]	ND (0.769) [1]	ND (0.553) [1]
Naphthalene	ND (0.756) [1]	ND (0.771) [1]	ND (0.792) [1]	ND (0.701) [1]	ND (0.756) [1]	ND (0.771) [1]	ND (0.792) [1]	ND (0.701) [1]
Nitrobenzene	ND (0.430) [1]	ND (0.439) [1]	ND (0.805) [1]	ND (0.531) [1]	ND (0.430) [1]	ND (0.439) [1]	ND (0.805) [1]	ND (0.531) [1]
Pentachlorophenol	ND (0.333) [1]	ND (0.351) [1]	ND (0.620) [1]	ND (0.474) [1]	ND (0.333) [1]	ND (0.351) [1]	ND (0.620) [1]	ND (0.474) [1]
Phenanthrene	ND (0.647) [1]	ND (0.659) [1]	ND (0.607) [1]	ND (0.602) [1]	ND (0.647) [1]	ND (0.659) [1]	ND (0.607) [1]	ND (0.602) [1]

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-33

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit □ = Dilution Factor NA = Not Detected * - Value considered suspect, Refer to QC Report

A13-34

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	8	8	8	8	8	8	8	8	8	8
	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03
	7.00 J (	50.0)	[1]	4.00 JB (	50.0)	[1]	5400 (	50.0)	[1]	1000 (
AK101 - Gasoline Range Organics (ug/L)										
Gasoline Range Organics										
AK102 - Diesel Range Organics (ug/L)										
Diesel Range Organics										
	58.0 J (	100)	[1]	0.00 JB (	100)	[1]	3200 (	100)	[1]	49.0 J (
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND (	0.00285)	[1]	ND (	0.00296)	[1]	ND (	0.0110)	[5]	ND (
4,4'-DDE	ND (	0.00328)	[1]	ND (	0.00341)	[1]	ND (	0.0227)	[5]	ND (
4,4'-DDT	ND (	0.00350)	[1]	ND (	0.00363)	[1]	ND (	0.0366)	[5]	ND (
Aldrin	ND (	0.00392)	[1]	ND (	0.00407)	[1]	ND (	0.0143)	[5]	ND (
Chlordane	ND (	0.0190)	[1]	ND (	0.0197)	[1]	ND (	0.118)	[5]	ND (
Dieldrin	ND (	0.00267)	[1]	ND (	0.00403)	[1]	ND (	0.0198)	[5]	0.00910 (
Endosulfan I	ND (	0.00205)	[1]	ND (	0.00213)	[1]	ND (	0.0446)	[5]	ND (
Endosulfan II	ND (	0.00359)	[1]	ND (	0.00373)	[1]	ND (	0.0186)	[5]	ND (
Endosulfan Sulfate	0.000200 KJ (	0.00953)	[1]	0.00290 KJ (	0.00990)	[1]	ND (	0.0267)	[5]	ND (
Endrin	ND (	0.00722)	[1]	ND (	0.00750)	[1]	ND (	0.0356)	[5]	ND (
Endrin Aldehyde	ND (	0.00596)	[1]	0.00120 KJ (	0.00619)	[1]	ND (	0.0196)	[5]	0.00110 PJ (
Heptachlor	ND (	0.00517)	[1]	0.000100 KJ (	0.00639)	[1]	ND (	0.0116)	[5]	0.00250 KJ (
Heptachlor epoxide	ND (	0.00892)	[1]	ND (	0.00926)	[1]	ND (	0.0123)	[5]	ND (
Methoxychlor	ND (	0.0377)	[1]	ND (	0.0391)	[1]	ND (	0.268)	[5]	0.0358 KJ (
PCB-1016	ND (	0.0306)	[1]	ND (	0.0317)	[1]	ND (	0.120)	[5]	ND (
PCB-1221	ND (	0.0275)	[1]	ND (	0.0285)	[1]	ND (	0.114)	[5]	ND (
PCB-1232	ND (	0.0694)	[1]	ND (	0.0721)	[1]	ND (	0.0858)	[5]	ND (
PCB-1242	ND (	0.0254)	[1]	ND (	0.0264)	[1]	ND (	0.588)	[5]	ND (
PCB-1248	ND (	0.0301)	[1]	ND (	0.0313)	[1]	ND (	0.204)	[5]	ND (
PCB-1254	ND (0.0121)	[1]	ND (0.0125)	[1]	ND (0.151)	[5]	ND (
PCB-1260	ND (0.0335)	[1]	ND (0.0348)	[1]	ND (0.171)	[5]	ND (

Compiled: 15 March 1995

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-35

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

* - Value considered suspect, Refer to QC Report

A13-36

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

* - Value considered suspect, Refer to QC Report
A13-37

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8			
	LOCATION ID		SAMPLE ID		06-MW-03		06-MW-04		06-MW-05		06-MW-04		06-MW-05		06-MW-04	
	G94-06-MW-03		G94-06-MW-03-FD Dup of		G94-06-MW-03		G94-06-MW-04		G94-06-MW-05		G94-06-MW-04		G94-06-MW-05		G94-06-MW-04	
SW8270 - Semivolatile Organics (ug/L)	ND	(0.620)	[1]	ND	(0.626)	[1]	ND	(0.626)	[1]	ND	(0.626)	[1]	ND	(0.626)	[1]	ND
1,2,4-Trichlorobenzene	ND	(0.677)	[1]	ND	(0.683)	[1]	ND	(0.683)	[1]	ND	(0.683)	[1]	ND	(0.683)	[1]	ND
1,2-Dichlorobenzene	ND	(0.731)	[1]	ND	(0.738)	[1]	ND	(0.738)	[1]	ND	(0.738)	[1]	ND	(0.738)	[1]	ND
1,3-Dichlorobenzene	ND	(1.35)	[1]	ND	(1.36)	[1]	ND	(1.36)	[1]	ND	(1.36)	[1]	ND	(1.36)	[1]	ND
1,4-Dichlorobenzene	ND	(0.458)	[1]	ND	(0.462)	[1]	ND	(0.462)	[1]	ND	(0.462)	[1]	ND	(0.462)	[1]	ND
2,4,5-Trichlorophenol	ND	(0.433)	[1]	ND	(0.437)	[1]	ND	(0.437)	[1]	ND	(0.437)	[1]	ND	(0.437)	[1]	ND
2,4,6-Trichlorophenol	ND	(0.674)	[1]	ND	(0.681)	[1]	ND	(0.681)	[1]	ND	(0.681)	[1]	ND	(0.681)	[1]	ND
2,4-Dichlorophenol	ND	(0.625)	[1]	ND	(0.631)	[1]	ND	(0.631)	[1]	ND	(0.631)	[1]	ND	(0.631)	[1]	ND
2,4-Dimethylphenol	ND	(1.84)	[1]	ND	(1.85)	[1]	ND	(1.85)	[1]	ND	(1.85)	[1]	ND	(1.85)	[1]	ND
2,4-Dinitrophenol	ND	(0.747)	[1]	ND	(0.754)	[1]	ND	(0.754)	[1]	ND	(0.754)	[1]	ND	(0.754)	[1]	ND
2,4-Dinitrotoluene	ND	(0.723)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND
2,6-Dinitrotoluene	ND	(0.925)	[1]	ND	(0.934)	[1]	ND	(0.934)	[1]	ND	(0.934)	[1]	ND	(0.934)	[1]	ND
2-Chloronaphthalene	ND	(0.612)	[1]	ND	(0.618)	[1]	ND	(0.618)	[1]	ND	(0.618)	[1]	ND	(0.618)	[1]	ND
2-Chlorophenol	ND	(1.12)	[1]	ND	(1.14)	[1]	ND	(1.14)	[1]	40.0	(1.14)	[1]	ND	(1.14)	[1]	ND
2-Methyl naphthalene	ND	(0.553)	[1]	ND	(0.558)	[1]	ND	(0.558)	[1]	1.79	(0.558)	[1]	ND	(0.558)	[1]	ND
2-Methylphenol	ND	(0.719)	[1]	ND	(0.726)	[1]	ND	(0.726)	[1]	ND	(0.726)	[1]	ND	(0.726)	[1]	ND
2-Nitroaniline	ND	(1.04)	[1]	ND	(1.05)	[1]	ND	(1.05)	[1]	ND	(1.05)	[1]	ND	(1.05)	[1]	ND
2-Nitrophenol	ND	(0.688)	[1]	ND	(0.695)	[1]	ND	(0.695)	[1]	ND	(0.695)	[1]	ND	(0.695)	[1]	ND
3,3'-Dichlorobenzidine	ND	(0.860)	[1]	ND	(0.868)	[1]	ND	(0.868)	[1]	ND	(0.868)	[1]	ND	(0.868)	[1]	ND
3-Nitroaniline	ND	(0.439)	[1]	ND	(0.444)	[1]	ND	(0.444)	[1]	ND	(0.444)	[1]	ND	(0.444)	[1]	ND
4,6-Dinitro-2-methylphenol	ND	(0.723)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND	(0.730)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.601)	[1]	ND	(0.607)	[1]	ND	(0.607)	[1]	ND	(0.607)	[1]	ND	(0.607)	[1]	ND
4-Chloro-3-methylphenol	ND	(0.863)	[1]	ND	(0.872)	[1]	ND	(0.872)	[1]	ND	(0.872)	[1]	ND	(0.872)	[1]	ND
4-Chlorophenyl phenyl ether	ND	(0.826)	[1]	ND	(0.834)	[1]	ND	(0.834)	[1]	3.62 F	(0.834)	[1]	ND	(0.834)	[1]	ND
4-Methylphenol/3-Methylphenol	ND	(0.553)	[1]	ND	(0.558)	[1]	ND	(0.558)	[1]	ND	(0.558)	[1]	ND	(0.558)	[1]	ND
4-Nitroaniline	ND	(1.11)	[1]	ND	(1.12)	[1]	ND	(1.12)	[1]	ND	(1.12)	[1]	ND	(1.12)	[1]	ND
4-Nitrophenol	ND	(0.643)	[1]	ND	(0.650)	[1]	ND	(0.650)	[1]	0.413 J	(0.650)	[1]	ND	(0.650)	[1]	ND
Acenaphthene	ND			ND			ND						ND			ND

Compiled: 15 March 1995

() = Detection Limit

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID

LOCATION ID

SAMPLE ID

8
06-MW-03
G94-06-MW-03

8
06-MW-04
G94-06-MW-04

8
06-MW-03
G94-06-MW-03-FD Dup of
G94-06-MW-03

8
06-MW-03
G94-06-MW-03

8
06-MW-05
G94-06-MW-05

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Acenaphthylene	ND	(0.438)	[1]	ND	(0.443)	[1]	ND	(0.443)	[1]	ND	(0.604)	[1]
Anthracene	ND	(0.442)	[1]	ND	(0.447)	[1]	ND	(0.447)	[1]	ND	(0.651)	[1]
Benzo(a)anthracene	ND	(0.491)	[1]	ND	(0.496)	[1]	ND	(0.496)	[1]	ND	(0.714)	[1]
Benzo(a)pyrene	ND	(0.656)	[1]	ND	(0.662)	[1]	ND	(0.662)	[1]	ND	(0.648)	[1]
Benzo(b)fluoranthene	ND	(0.738)	[1]	ND	(0.746)	[1]	ND	(0.746)	[1]	ND	(0.636)	[1]
Benzo(g,h,i)perylene	ND	(0.658)	[1]	ND	(0.664)	[1]	ND	(0.664)	[1]	ND	(0.688)	[1]
Benzo(k)fluoranthene	ND	(1.07)	[1]	ND	(1.08)	[1]	ND	(1.08)	[1]	ND	(0.926)	[1]
Benzoic acid	ND	(2.99)	[1]	ND	(3.02)	[1]	ND	(3.02)	[1]	ND	(5.91)	[1]
Benzyl alcohol	ND	(0.671)	[1]	ND	(0.678)	[1]	ND	(0.678)	[1]	ND	(0.420)	[1]
Butylbenzylphthalate	ND	(0.862)	[1]	ND	(0.870)	[1]	ND	(0.870)	[1]	ND	(0.465)	[1]
Chrysene	ND	(0.594)	[1]	ND	(0.600)	[1]	ND	(0.600)	[1]	ND	(0.723)	[1]
Di-n-octylphthalate	ND	(0.647)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]	ND	(0.633)	[1]
Dibenz(a,h)anthracene	ND	(0.701)	[1]	ND	(0.708)	[1]	ND	(0.708)	[1]	ND	(0.794)	[1]
Dibenzofuran	ND	(0.514)	[1]	ND	(0.519)	[1]	ND	(0.519)	[1]	ND	(0.596)	[1]
Dibutylphthalate	ND	(0.330)	[1]	ND	(0.333)	[1]	ND	(0.333)	[1]	ND	(0.466)	[1]
Diethylphthalate	ND	(0.286)	[1]	ND	(0.288)	[1]	ND	(0.288)	[1]	ND	(0.636)	[1]
Dimethylphthalate	ND	(0.427)	[1]	ND	(0.431)	[1]	ND	(0.431)	[1]	ND	(0.397)	[1]
Diphenylamine	ND	(0.633)	[1]	ND	(0.639)	[1]	ND	(0.639)	[1]	ND	(0.636)	[1]
Fluoranthene	ND	(0.660)	[1]	ND	(0.666)	[1]	ND	(0.666)	[1]	ND	(0.659)	[1]
Fluorene	ND	(0.611)	[1]	ND	(0.617)	[1]	0.588 J	(0.617)	[1]	ND	(0.696)	[1]
Hexachlorobenzene	ND	(1.45)	[1]	ND	(1.47)	[1]	ND	(1.47)	[1]	ND	(0.526)	[1]
Hexachlorobutadiene	ND	(0.945)	[1]	ND	(0.954)	[1]	ND	(0.954)	[1]	ND	(0.700)	[1]
Hexachlorocyclopentadiene	ND	(0.817)	[1]	ND	(0.825)	[1]	ND	(0.825)	[1]	ND	(1.94)	[1]
Hexachloroethane	ND	(5.35)	[1]	ND	(5.40)	[1]	ND	(5.40)	[1]	ND	(1.75)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.513)	[1]	ND	(0.518)	[1]	ND	(0.518)	[1]	ND	(0.748)	[1]
Isophorone	ND	(0.527)	[1]	ND	(0.532)	[1]	ND	(0.532)	[1]	ND	(0.333)	[1]
N-Nitroso-di-n-propylamine	ND	(0.773)	[1]	ND	(0.781)	[1]	ND	(0.781)	[1]	ND	(0.556)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

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NA = Not Applicable

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A13-39

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					

SW8270 - Semivolatile Organics, cont. (ug/L)												
Naphthalene	ND	(0.796)	[1]	ND	(0.804)	[1]	72.8	(0.804)	[1]	ND	(0.705)	[1]
Nitrobenzene	ND	(0.809)	[1]	ND	(0.817)	[1]	ND	(0.817)	[1]	ND	(0.533)	[1]
Pentachloropheno]	ND	(0.623)	[1]	ND	(0.629)	[1]	ND	(0.629)	[1]	ND	(0.476)	[1]
Phenanthrene	ND	(0.610)	[1]	ND	(0.616)	[1]	ND	(0.616)	[1]	ND	(0.605)	[1]
Pheno]	ND	(0.680)	[1]	ND	(0.686)	[1]	32.0	(0.686)	[1]	ND	(0.421)	[1]
Pyrene	ND	(0.783)	[1]	ND	(0.790)	[1]	ND	(0.790)	[1]	ND	(0.782)	[1]
bis(2-Chloroethoxy)methane	ND	(0.647)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]	ND	(0.535)	[1]
bis(2-Chloroethyl)ether	ND	(0.644)	[1]	ND	(0.650)	[1]	ND	(0.650)	[1]	ND	(0.583)	[1]
bis(2-Chloroisopropyl)ether	ND	(1.07)	[1]	ND	(1.08)	[1]	ND	(1.08)	[1]	ND	(0.544)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.808)	[1]	ND	(0.816)	[1]	ND	(0.816)	[1]	1.51	(0.944)	[1]
p-Chloroaniline	ND	(0.971)	[1]	ND	(0.981)	[1]	ND	(0.981)	[1]	ND	(0.880)	[1]

		8		8			8			8		
		06-MW-03		06-MW-03			06-MW-04			06-MW-05		
		G94-06-MW-03		G94-06-MW-03-FD Dup of			G94-06-MW-04			G94-06-MW-05		
				G94-06-MW-03								

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-40

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	LOCATION ID		SAMPLE ID		8		8		8							
	06-MW-06 G94-06-MW-06		06-MW-07 G94-06-MW-07		06-MW-07 G94-06-MW-07		09-MW-01 G94-09-MW-01		09-MW-02 G94-09-MW-02							
AK101 - Gasoline Range Organics (ug/L)	13.0 J (	50.0)	[1]	1.00 JB (	50.0)	[1]	550	(	50.0)	[1]	84.0	(	50.0)	[1]		
Gasoline Range Organics																
AK102 - Diesel Range Organics (ug/L)	500	(	100)	[1]	25.0 J (	100)	[1]	290	(	100)	[1]	0.00	JB (	100)	[1]	
Diesel Range Organics																
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																
4,4'-DDD	ND	(	0.00298)	[1]	ND	(	0.00218)	[1]	ND	(	0.00290)	[1]	ND	(	0.00302)	[1]
4,4'-DDE	ND	(	0.00342)	[1]	ND	(	0.00556)	[1]	ND	(	0.00334)	[1]	ND	(	0.00348)	[1]
4,4'-DDT	0.0170	(	0.00365)	[1]	0.00850 KJ	(	0.00852)	[1]	0.0123 KJ	(	0.0127)	[1]	ND	(	0.00370)	[1]
Aldrin	0.0613	(	0.00409)	[1]	ND	(	0.00283)	[1]	ND	(	0.00232)	[1]	ND	(	0.00415)	[1]
Chlordane	ND	(	0.0198)	[1]	ND	(	0.0233)	[1]	ND	(	0.0193)	[1]	ND	(	0.0201)	[1]
Dieldrin	0.0344	(	0.00279)	[1]	0.00250 KJB	(	0.00391)	[1]	0.00720	(	0.00272)	[1]	ND	(	0.00283)	[1]
Endosulfan I	ND	(	0.00446)	[1]	ND	(	0.00883)	[1]	ND	(	0.00208)	[1]	ND	(	0.00217)	[1]
Endosulfan II	ND	(	0.00208)	[1]	ND	(	0.00369)	[1]	ND	(	0.00366)	[1]	ND	(	0.00380)	[1]
Endosulfan Sulfate	ND	(	0.00495)	[1]	ND	(	0.00528)	[1]	0.00450 KJ	(	0.00971)	[1]	0.00710 KJ	(	0.0101)	[1]
Endrin	ND	(	0.00754)	[1]	ND	(	0.00705)	[1]	ND	(	0.00736)	[1]	ND	(	0.00765)	[1]
Endrin Aldehyde	0.0458	(	0.00622)	[1]	ND	(	0.00388)	[1]	0.00140 PJ	(	0.00608)	[1]	0.00220 KJ	(	0.00632)	[1]
Heptachlor	0.0467	(	0.00540)	[1]	ND	(	0.00229)	[1]	ND	(	0.00527)	[1]	ND	(	0.00548)	[1]
Heptachlor epoxide	0.0257 P	(	0.00187)	[1]	ND	(	0.00220)	[1]	0.00270 P	(	0.00183)	[1]	0.00550 KJ	(	0.00944)	[1]
Methoxychlor	ND	(	0.0393)	[1]	ND	(	0.0531)	[1]	ND	(	0.0384)	[1]	ND	(	0.0399)	[1]
PCB-1016	ND	(	0.0319)	[1]	ND	(	0.0237)	[1]	ND	(	0.0311)	[1]	ND	(	0.0324)	[1]
PCB-1221	ND	(	0.0287)	[1]	ND	(	0.0225)	[1]	ND	(	0.0280)	[1]	ND	(	0.0291)	[1]
PCB-1232	ND	(	0.0725)	[1]	ND	(	0.0170)	[1]	ND	(	0.0708)	[1]	ND	(	0.0736)	[1]
PCB-1242	ND	(	0.0265)	[1]	ND	(	0.117)	[1]	ND	(	0.0259)	[1]	ND	(	0.0269)	[1]
PCB-1248	ND	(	0.0314)	[1]	ND	(	0.0405)	[1]	ND	(	0.0307)	[1]	ND	(	0.0319)	[1]
PCB-1254	ND	(	0.0126)	[1]	ND	(	0.0299)	[1]	ND	(	0.0123)	[1]	ND	(	0.0128)	[1]
PCB-1260	ND	(	0.0349)	[1]	ND	(	0.0339)	[1]	ND	(	0.0341)	[1]	ND	(	0.0354)	[1]
Toxaphene	ND	(0.0561)	[1]	ND	(0.0415)	[1]	ND	(0.0548)	[1]	ND	(0.0569)	[1]

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	06-MW-06				06-MW-07				09-MW-01			
	G94-06-MW-06				G94-06-MW-07				G94-09-MW-01			
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
alpha-BHC	0.0441	(	0.00285)	[1]	ND	(	0.00416)	[1]	ND	(	0.00278)	[1]
beta-BHC	0.284	(	0.00403)	[1]	ND	(	0.00329)	[1]	ND	(	0.00393)	[1]
delta-BHC	ND	(	0.00232)	[1]	ND	(	0.00212)	[1]	ND	(	0.00227)	[1]
gamma-BHC	0.111	(	0.00178)	[1]	ND	(	0.00380)	[1]	0.0102	(	0.00173)	[1]
SW8260 - Volatile Organic Compounds (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]
1,1,1-Trichloroethane	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
1,1,2-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]
1,1-Dichloroethane	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]
1,1-Dichloroethene	ND	(	0.0806)	[1]	ND	(	0.0806)	[1]	0.0700 J	(	0.0806)	[1]
1,2,3-Trichloropropane	ND	(	0.233)	[1]	ND	(	0.233)	[1]	ND	(	0.233)	[1]
1,2-Dichlorobenzene	ND	(	0.354)	[1]	ND	(	0.354)	[1]	ND	(	0.354)	[1]
1,2-Dichloroethane	0.990	(	0.0791)	[1]	1.18	(	0.0791)	[1]	ND	(	0.0791)	[1]
1,2-Dichloropropane	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]
1,3-Dichlorobenzene	ND	(	0.391)	[1]	ND	(	0.391)	[1]	ND	(	0.391)	[1]
1,4-Dichlorobenzene	ND	(	0.423)	[1]	ND	(	0.423)	[1]	ND	(	0.423)	[1]
1-Chlorohexane	ND	(	0.154)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]
2-Butanone(MEK)	2.68 F	(	0.890)	[1]	ND	(	0.890)	[1]	ND	(	0.890)	[1]
2-Chloroethyl vinyl ether	ND	(	0.124)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]
2-Hexanone	ND	(	0.766)	[1]	ND	(	0.766)	[1]	ND	(	0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	5.57	(	0.501)	[1]	ND	(	0.501)	[1]	ND	(	0.501)	[1]
Acetone	13.4 F	(	2.09)	[1]	4.62 B	(	2.09)	[1]	3.57 B	(	2.09)	[1]
Benzene	ND	(	0.0307)	[1]	0.0900 B	(	0.0307)	[1]	114	(	0.0614)	[2]
Bromobenzene	ND	(	0.165)	[1]	ND	(	0.165)	[1]	ND	(	0.165)	[1]
Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)	[1]
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)	[1]
G94-09-MW-02												

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID			8			8			8			
LOCATION ID			06-MW-07			09-MW-01			09-MW-02			
SAMPLE ID			G94-06-MW-07			G94-09-MW-01			G94-09-MW-02			
PARAMETER												

SW8260 - Volatile Organic Compounds, cont. (ug/L)												
Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]
Chlorobenzene	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]
Chloroethane	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(0.0972)	[1]
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]
Chloromethane	0.330 F	(0.155)	[1]	0.530	(0.155)	[1]	ND	(0.155)	[1]	ND	(0.155)	[1]
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]
Dibromomethane	ND	(0.0598)	[1]	0.190	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(0.0598)	[1]
Ethyl benzene	0.0600 J	(0.110)	[1]	ND	(0.110)	[1]	13.1	(0.110)	[1]	0.0500 J	(0.110)	[1]
Meta-&Para-Xylene	0.220 J	(0.365)	[1]	ND	(0.365)	[1]	3.46	(0.365)	[1]	ND	(0.365)	[1]
Methylene Chloride	0.220 B	(0.151)	[1]	0.250 B	(0.151)	[1]	0.160 B	(0.151)	[1]	0.170 B	(0.151)	[1]
Ortho-Xylene	0.0800 J	(0.124)	[1]	ND	(0.124)	[1]	0.620	(0.124)	[1]	ND	(0.124)	[1]
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]
Tetrachloroethene	0.330	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]
Toluene	0.260	(0.0336)	[1]	0.0400	(0.0336)	[1]	0.240	(0.0336)	[1]	0.0600	(0.0336)	[1]
Trichloroethene	0.650	(0.0439)	[1]	ND	(0.0439)	[1]	0.540	(0.0439)	[1]	0.180	(0.0439)	[1]
Trichlorofluoromethane	0.100	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]
Vinyl Chloride	ND	(0.0992)	[1]	ND	(0.0992)	[1]	0.130	(0.0992)	[1]	ND	(0.0992)	[1]
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(0.0785)	[1]	28.0	(0.0785)	[1]	7.08	(0.0785)	[1]
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	3.32	(0.131)	[1]	0.230	(0.131)	[1]
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]

SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.488)	[1]	ND	(0.608)	[1]	ND	(0.493)	[1]	ND	(0.488)	[1]
1,2-Dichlorobenzene	ND	(0.592)	[1]	ND	(0.664)	[1]	ND	(0.598)	[1]	ND	(0.592)	[1]

Compiled: 15 March 1995

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A13-43

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	06-MW-06		06-MW-07		09-MW-01		09-MW-02					
	G94-06-MW-06		G94-06-MW-07		G94-09-MW-01		G94-09-MW-02					
SW8270 - Semivolatile Organics, cont. (ug/L)												
1,3-Dichlorobenzene	ND	(0.397)	[1]	ND	(0.717)	[1]	ND	(0.401)	[1]	ND	(0.397)	[1]
1,4-Dichlorobenzene	ND	(1.56)	[1]	ND	(1.32)	[1]	ND	(1.57)	[1]	ND	(1.56)	[1]
2,4,5-Trichlorophenol	ND	(0.317)	[1]	ND	(0.449)	[1]	ND	(0.320)	[1]	ND	(0.317)	[1]
2,4,6-Trichlorophenol	ND	(0.377)	[1]	ND	(0.425)	[1]	ND	(0.381)	[1]	ND	(0.377)	[1]
2,4-Dichlorophenol	ND	(0.396)	[1]	ND	(0.661)	[1]	ND	(0.400)	[1]	ND	(0.396)	[1]
2,4-Dimethylphenol	ND	(0.645)	[1]	ND	(0.613)	[1]	ND	(0.651)	[1]	ND	(0.645)	[1]
2,4-Dinitrophenol	ND	(1.19)	[1]	ND	(1.80)	[1]	ND	(1.20)	[1]	ND	(1.19)	[1]
2,4-Dinitrotoluene	ND	(0.311)	[1]	ND	(0.733)	[1]	ND	(0.314)	[1]	ND	(0.311)	[1]
2,6-Dinitrotoluene	ND	(0.606)	[1]	ND	(0.709)	[1]	ND	(0.612)	[1]	ND	(0.606)	[1]
2-Chloronaphthalene	ND	(0.781)	[1]	ND	(0.908)	[1]	ND	(0.789)	[1]	ND	(0.781)	[1]
2-Chlorophenol	ND	(0.526)	[1]	ND	(0.601)	[1]	ND	(0.532)	[1]	ND	(0.526)	[1]
2-Methylnaphthalene	ND	(0.795)	[1]	ND	(1.10)	[1]	ND	(0.803)	[1]	ND	(0.795)	[1]
2-Methylphenol	ND	(0.468)	[1]	ND	(0.542)	[1]	ND	(0.472)	[1]	ND	(0.468)	[1]
2-Nitroaniline	ND	(0.505)	[1]	ND	(0.706)	[1]	ND	(0.510)	[1]	ND	(0.505)	[1]
2-Nitrophenol	ND	(0.758)	[1]	ND	(1.02)	[1]	ND	(0.765)	[1]	ND	(0.758)	[1]
3,3'-Dichlorobenzidine	ND	(3.63)	[1]	ND	(0.675)	[1]	ND	(3.66)	[1]	ND	(3.63)	[1]
3-Nitroaniline	ND	(0.501)	[1]	ND	(0.843)	[1]	ND	(0.506)	[1]	ND	(0.501)	[1]
4,6-Dinitro-2-methylphenol	ND	(2.83)	[1]	ND	(0.431)	[1]	ND	(2.86)	[1]	ND	(2.83)	[1]
4-Bromophenyl phenyl ether	ND	(0.282)	[1]	ND	(0.709)	[1]	ND	(0.285)	[1]	ND	(0.282)	[1]
4-Chloro-3-methylphenol	ND	(0.373)	[1]	ND	(0.590)	[1]	ND	(0.376)	[1]	ND	(0.373)	[1]
4-Chlorophenyl phenyl ether	ND	(0.442)	[1]	ND	(0.847)	[1]	ND	(0.447)	[1]	ND	(0.442)	[1]
4-Methylphenol/3-Methylphenol	ND	(0.433)	[1]	ND	(0.810)	[1]	ND	(0.438)	[1]	ND	(0.433)	[1]
4-Nitroaniline	ND	(0.609)	[1]	ND	(0.542)	[1]	ND	(0.615)	[1]	ND	(0.609)	[1]
4-Nitrophenol	ND	(0.746)	[1]	ND	(1.08)	[1]	ND	(0.753)	[1]	ND	(0.746)	[1]
Acenaphthene	ND	(0.592)	[1]	ND	(0.631)	[1]	ND	(0.598)	[1]	ND	(0.592)	[1]
Acenaphthylene	ND	(0.604)	[1]	ND	(0.430)	[1]	ND	(0.610)	[1]	ND	(0.604)	[1]
Anthracene	ND	(0.651)	[1]	ND	(0.434)	[1]	ND	(0.657)	[1]	ND	(0.651)	[1]
Benzo(a)anthracene	ND	(0.714)	[1]	ND	(0.482)	[1]	ND	(0.721)	[1]	ND	(0.714)	[1]

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	06-MW-06		06-MW-07		09-MW-01		09-MW-02		09-MW-01		09-MW-02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	G94-06-MW-06		G94-06-MW-07		G94-09-MW-01		G94-09-MW-02		G94-09-MW-01		G94-09-MW-02	
SW8270 - Semivolatile Organics, cont. (ug/L)												
Benzo(a)pyrene	ND (0.648)	[1]	ND (0.643)	[1]	ND (0.654)	[1]	ND (0.648)	[1]	ND (0.654)	[1]	ND (0.648)	[1]
Benzo(b)fluoranthene	ND (0.636)	[1]	ND (0.725)	[1]	ND (0.643)	[1]	ND (0.636)	[1]	ND (0.643)	[1]	ND (0.636)	[1]
Benzo(g,h,i)perylene	ND (0.688)	[1]	ND (0.645)	[1]	ND (0.695)	[1]	ND (0.688)	[1]	ND (0.695)	[1]	ND (0.688)	[1]
Benzo(k)fluoranthene	ND (0.926)	[1]	ND (1.05)	[1]	ND (0.936)	[1]	ND (0.926)	[1]	ND (0.936)	[1]	ND (0.926)	[1]
Benzoic acid	ND (5.91)	[1]	ND (2.93)	[1]	ND (5.97)	[1]	ND (5.91)	[1]	ND (5.97)	[1]	ND (5.91)	[1]
Benzyl alcohol	ND (0.420)	[1]	ND (0.658)	[1]	ND (0.424)	[1]	ND (0.420)	[1]	ND (0.424)	[1]	ND (0.420)	[1]
Butylbenzylphthalate	ND (0.465)	[1]	ND (0.845)	[1]	ND (0.469)	[1]	ND (0.465)	[1]	ND (0.469)	[1]	ND (0.465)	[1]
Chrysene	ND (0.723)	[1]	ND (0.583)	[1]	ND (0.730)	[1]	ND (0.723)	[1]	ND (0.730)	[1]	ND (0.723)	[1]
Di-n-octylphthalate	ND (0.633)	[1]	ND (0.635)	[1]	ND (0.640)	[1]	ND (0.633)	[1]	ND (0.640)	[1]	ND (0.633)	[1]
Dibenz(a,h)anthracene	ND (0.794)	[1]	ND (0.688)	[1]	ND (0.802)	[1]	ND (0.794)	[1]	ND (0.802)	[1]	ND (0.794)	[1]
Dibenzofuran	ND (0.596)	[1]	ND (0.505)	[1]	ND (0.602)	[1]	ND (0.596)	[1]	ND (0.602)	[1]	ND (0.596)	[1]
Diethylphthalate	ND (0.466)	[1]	ND (0.324)	[1]	ND (0.470)	[1]	ND (0.466)	[1]	ND (0.470)	[1]	ND (0.466)	[1]
Diethylphthalate	ND (0.636)	[1]	ND (0.280)	[1]	ND (0.643)	[1]	ND (0.636)	[1]	ND (0.643)	[1]	ND (0.636)	[1]
Dimethylphthalate	ND (0.397)	[1]	ND (0.419)	[1]	ND (0.401)	[1]	ND (0.397)	[1]	ND (0.401)	[1]	ND (0.397)	[1]
Diphenylamine	ND (0.636)	[1]	ND (0.621)	[1]	ND (0.643)	[1]	ND (0.636)	[1]	ND (0.643)	[1]	ND (0.636)	[1]
Fluoranthene	ND (0.659)	[1]	ND (0.647)	[1]	ND (0.665)	[1]	ND (0.659)	[1]	ND (0.665)	[1]	ND (0.659)	[1]
Fluorene	ND (0.696)	[1]	ND (0.599)	[1]	ND (0.703)	[1]	ND (0.696)	[1]	ND (0.703)	[1]	ND (0.696)	[1]
Hexachlorobenzene	ND (0.526)	[1]	ND (1.42)	[1]	ND (0.532)	[1]	ND (0.526)	[1]	ND (0.532)	[1]	ND (0.526)	[1]
Hexachlorobutadiene	ND (0.700)	[1]	ND (0.927)	[1]	ND (0.707)	[1]	ND (0.700)	[1]	ND (0.707)	[1]	ND (0.700)	[1]
Hexachlorocyclopentadiene	ND (1.94)	[1]	ND (0.802)	[1]	ND (1.96)	[1]	ND (1.94)	[1]	ND (1.96)	[1]	ND (1.94)	[1]
Hexachloroethane	ND (1.75)	[1]	ND (5.25)	[1]	ND (1.77)	[1]	ND (1.75)	[1]	ND (1.77)	[1]	ND (1.75)	[1]
Indeno(1,2,3-cd)pyrene	ND (0.748)	[1]	ND (0.504)	[1]	ND (0.755)	[1]	ND (0.748)	[1]	ND (0.755)	[1]	ND (0.748)	[1]
Isophorone	ND (0.333)	[1]	ND (0.517)	[1]	ND (0.337)	[1]	ND (0.333)	[1]	ND (0.337)	[1]	ND (0.333)	[1]
N-Nitroso-di-n-propylamine	ND (0.556)	[1]	ND (0.758)	[1]	ND (0.561)	[1]	ND (0.556)	[1]	ND (0.561)	[1]	ND (0.556)	[1]
Naphthalene	ND (0.705)	[1]	ND (0.781)	[1]	ND (0.712)	[1]	ND (0.705)	[1]	ND (0.712)	[1]	ND (0.705)	[1]
Nitrobenzene	ND (0.533)	[1]	ND (0.793)	[1]	ND (0.539)	[1]	ND (0.533)	[1]	ND (0.539)	[1]	ND (0.533)	[1]
Pentachlorophenol	ND (0.476)	[1]	ND (0.611)	[1]	ND (0.481)	[1]	ND (0.476)	[1]	ND (0.481)	[1]	ND (0.476)	[1]
Phenanthrene	ND (0.605)	[1]	ND (0.598)	[1]	ND (0.611)	[1]	ND (0.605)	[1]	ND (0.611)	[1]	ND (0.605)	[1]

Compiled: 15 March 1995

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-45

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit	[] = Dilution Factor	ND = Not Detected	NA = Not Applicable	* - Value considered suspect, Refer to QC Report
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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	<hr/>											
AK101 - Gasoline Range Organics (ug/L)	8											
Gasoline Range Organics	0.00 JB (	50.0)	[1]	41.0 J (	50.0)	[1]	13.0 J (	50.0)	[1]	10.0 J (	50.0)	[1]
	<hr/>											
AK102 - Diesel Range Organics (ug/L)	8											
Diesel Range Organics	0.00 JB (	100)	[1]	0.00 JB (	100)	[1]	12.0 JB (	100)	[1]	10.0 JB (	100)	[1]
	<hr/>											
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	8											
4,4'-DDD	ND	(0.00308)	[1]	ND	(0.00295)	[1]	ND	(0.00299)	[1]	ND	(0.0157)	[1]
4,4'-DDE	ND	(0.00354)	[1]	ND	(0.00339)	[1]	ND	(0.00344)	[1]	ND	(0.00348)	[1]
4,4'-DDT	ND	(0.00378)	[1]	ND	(0.00361)	[1]	0.00620	(0.00367)	[1]	ND	(0.00370)	[1]
Aldrin	ND	(0.00246)	[1]	ND	(0.00405)	[1]	ND	(0.00411)	[1]	0.00790	(0.00415)	[1]
Chlordane	ND	(0.0205)	[1]	ND	(0.0196)	[1]	ND	(0.0199)	[1]	ND	(0.0201)	[1]
Dieldrin	ND	(0.00289)	[1]	ND	(0.00276)	[1]	ND	(0.00280)	[1]	ND	(0.00411)	[1]
Endosulfan I	ND	(0.00221)	[1]	ND	(0.00212)	[1]	ND	(0.00215)	[1]	ND	(0.00217)	[1]
Endosulfan II	ND	(0.00388)	[1]	ND	(0.00371)	[1]	ND	(0.00376)	[1]	ND	(0.00380)	[1]
Endosulfan Sulfate	0.00350 KJ	(0.0103)	[1]	ND	(0.00490)	[1]	0.00160 KJ	(0.0100)	[1]	ND	(0.00502)	[1]
Endrin	ND	(0.00781)	[1]	ND	(0.00747)	[1]	ND	(0.00758)	[1]	ND	(0.00765)	[1]
Endrin Aldehyde	ND	(0.00644)	[1]	0.00150 KJ	(0.00616)	[1]	ND	(0.00625)	[1]	0.00230 J	(0.00632)	[1]
Heptachlor	ND	(0.00558)	[1]	ND	(0.00534)	[1]	ND	(0.00542)	[1]	0.00100 KJ	(0.00651)	[1]
Heptachlor epoxide	0.00710 KJ	(0.00964)	[1]	0.00560 KJ	(0.00922)	[1]	ND	(0.00188)	[1]	ND	(0.00190)	[1]
Methoxychlor	ND	(0.0407)	[1]	ND	(0.0389)	[1]	ND	(0.0395)	[1]	ND	(0.0399)	[1]
PCB-1016	ND	(0.0330)	[1]	ND	(0.0316)	[1]	ND	(0.0321)	[1]	ND	(0.0324)	[1]
PCB-1221	ND	(0.0297)	[1]	ND	(0.0284)	[1]	ND	(0.0288)	[1]	ND	(0.0291)	[1]
PCB-1232	ND	(0.0750)	[1]	ND	(0.0718)	[1]	ND	(0.0728)	[1]	ND	(0.0736)	[1]
PCB-1242	ND	(0.0275)	[1]	ND	(0.0263)	[1]	ND	(0.0267)	[1]	ND	(0.0269)	[1]
PCB-1248	ND	(0.0325)	[1]	ND	(0.0311)	[1]	ND	(0.0316)	[1]	ND	(0.0319)	[1]
PCB-1254	ND	(0.0130)	[1]	ND	(0.0125)	[1]	ND	(0.0126)	[1]	ND	(0.0128)	[1]
PCB-1260	ND	(0.0362)	[1]	ND	(0.0346)	[1]	ND	(0.0351)	[1]	ND	(0.0354)	[1]

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8			
	LOCATION ID				8				8				8			
	SAMPLE ID				8				8				8			
					09-MW-03				09-MW-04				09-MW-05			
					G94-09-MW-03				G94-09-MW-04				G94-09-MW-05			
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)																
Toxaphene	ND	(	0.0581)	[1]	ND	(	0.0556)	[1]	ND	(	0.0564)	[1]	ND	(	0.0569)	[1]
alpha-BHC	ND	(	0.00295)	[1]	ND	(	0.00282)	[1]	ND	(	0.00286)	[1]	ND	(	0.00289)	[1]
beta-BHC	ND	(	0.00417)	[1]	ND	(	0.00399)	[1]	ND	(	0.00405)	[1]	ND	(	0.00409)	[1]
delta-BHC	ND	(	0.00240)	[1]	ND	(	0.00230)	[1]	ND	(	0.00233)	[1]	ND	(	0.00236)	[1]
gamma-BHC	ND	(	0.00173)	[1]	ND	(	0.00176)	[1]	0.00670	(	0.00178)	[1]	0.0127	(	0.00180)	[1]
SW8260 - Volatile Organic Compounds (ug/L)																
1,1,1,2-Tetrachloroethane	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]
1,1,1-Trichloroethane	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
1,1,2-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]
1,1-Dichloroethane	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]
1,1-Dichloroethene	ND	(	0.0806)	[1]	ND	(	0.0806)	[1]	ND	(	0.0806)	[1]	ND	(	0.0806)	[1]
1,2,3-Trichloropropane	ND	(	0.233)	[1]	ND	(	0.233)	[1]	ND	(	0.233)	[1]	ND	(	0.233)	[1]
1,2-Dichlorobenzene	ND	(	0.354)	[1]	ND	(	0.354)	[1]	ND	(	0.354)	[1]	ND	(	0.354)	[1]
1,2-Dichloroethane	ND	(	0.0791)	[1]	0.110	(	0.0791)	[1]	ND	(	0.0791)	[1]	ND	(	0.0791)	[1]
1,2-Dichloropropane	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]
1,3-Dichlorobenzene	ND	(	0.391)	[1]	ND	(	0.391)	[1]	ND	(	0.391)	[1]	ND	(	0.391)	[1]
1,4-Dichlorobenzene	ND	(	0.423)	[1]	ND	(	0.423)	[1]	ND	(	0.423)	[1]	ND	(	0.423)	[1]
1-Chlorohexane	ND	(	0.154)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]
2-Butanone(MEK)	ND	(	0.890)	[1]	ND	(	0.890)	[1]	ND	(	0.890)	[1]	ND	(	0.890)	[1]
2-Chloroethyl vinyl ether	ND	(	0.124)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]
2-Hexanone	ND	(	0.766)	[1]	ND	(	0.766)	[1]	ND	(	0.766)	[1]	ND	(	0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	ND	(	0.501)	[1]	ND	(	0.501)	[1]	ND	(	0.501)	[1]	ND	(	0.501)	[1]
Acetone	5.75	(	2.09)	[1]	6.14	(	2.09)	[1]	2.60 B	(	2.09)	[1]	3.10 B	(	2.09)	[1]
Benzene	0.0700 B	(0.0307)	[1]	16.6	(0.0307)	[1]	0.630	(0.0307)	[1]	0.660	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

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*

Value considered suspect, Refer to QC Report

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8260 - Volatile Organic Compounds, cont. (ug/L)	8		8	
	09-MW-03 G94-09-MW-03	09-MW-04 G94-09-MW-04	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05 Dup of G94-09-MW-05
Bromodichloromethane	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]
Bromoform	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]
Chloromethane	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]
Dibromomethane	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]
Ethyl benzene	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]
Meta-&Para-Xylene	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]
Methylene Chloride	0.370 B (0.151) [1]	0.400 B (0.151) [1]	0.360 B (0.151) [1]	0.330 B (0.151) [1]
Ortho-Xylene	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]
Toluene	0.0400 (0.0336) [1]	0.0300 JB (0.0336) [1]	0.0400 (0.0336) [1]	ND (0.0336) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]	ND (0.0439) [1]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]
cis-1,2-Dichloroethene	0.0800 (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]

Compiled: 15 March 1995

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8		8		8		8	
	09-MW-03		09-MW-04		09-MW-05		09-MW-05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(0.498)	ND	(0.632)	ND	(0.498)	ND	(0.488)
1,2-Dichlorobenzene	ND	(0.604)	ND	(0.690)	ND	(0.604)	ND	(0.592)
1,3-Dichlorobenzene	ND	(0.405)	ND	(0.745)	ND	(0.405)	ND	(0.397)
1,4-Dichlorobenzene	ND	(1.59)	ND	(1.37)	ND	(1.59)	ND	(1.56)
2,4,5-Trichlorophenol	ND	(0.323)	ND	(0.467)	ND	(0.323)	ND	(0.317)
2,4,6-Trichlorophenol	ND	(0.385)	ND	(0.441)	ND	(0.385)	ND	(0.377)
2,4-Dichlorophenol	ND	(0.404)	ND	(0.687)	ND	(0.404)	ND	(0.396)
2,4-Dimethylphenol	ND	(0.658)	ND	(0.637)	ND	(0.658)	ND	(0.645)
2,4-Dinitrophenol	ND	(1.21)	ND	(1.87)	ND	(1.21)	ND	(1.19)
2,4-Dinitrotoluene	ND	(0.317)	ND	(0.762)	ND	(0.317)	ND	(0.311)
2,6-Dinitrotoluene	ND	(0.618)	ND	(0.737)	ND	(0.618)	ND	(0.606)
2-Chloronaphthalene	ND	(0.797)	ND	(0.943)	ND	(0.797)	ND	(0.781)
2-Chlorophenol	ND	(0.537)	ND	(0.625)	ND	(0.537)	ND	(0.526)
2-Methylnaphthalene	ND	(0.811)	ND	(1.15)	ND	(0.811)	ND	(0.795)
2-Methylphenol	ND	(0.477)	ND	(0.564)	ND	(0.477)	ND	(0.468)
2-Nitroaniline	ND	(0.515)	ND	(0.733)	ND	(0.515)	ND	(0.505)
2-Nitrophenol	ND	(0.773)	ND	(1.06)	ND	(0.773)	ND	(0.758)
3,3'-Dichlorobenzidine	ND	(3.70)	ND	(0.702)	ND	(3.70)	ND	(3.63)
3-Nitroaniline	ND	(0.511)	ND	(0.876)	ND	(0.511)	ND	(0.501)
4,6-Dinitro-2-methylphenol	ND	(2.89)	ND	(0.448)	ND	(2.89)	ND	(2.83)
4-Bromophenyl phenyl ether	ND	(0.288)	ND	(0.737)	ND	(0.288)	ND	(0.282)
4-Chloro-3-methylphenol	ND	(0.380)	ND	(0.613)	ND	(0.380)	ND	(0.373)
4-Chlorophenyl phenyl ether	ND	(0.451)	ND	(0.880)	ND	(0.451)	ND	(0.442)
4-Methylphenol/3-Methylphenol	ND	(0.442)	ND	(0.842)	ND	(0.442)	ND	(0.433)
4-Nitroaniline	ND	(0.621)	ND	(0.564)	ND	(0.621)	ND	(0.609)
4-Nitrophenol	ND	(0.761)	ND	(1.13)	ND	(0.761)	ND	(0.746)
Acenaphthene	ND	(0.604)	ND	(0.656)	ND	(0.604)	ND	(0.592)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-50

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8			
	LOCATION ID		SAMPLE ID		09-MW-03		09-MW-04		09-MW-05		09-MW-05	
	G94-09-MW-03		G94-09-MW-04		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05	
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	(	0.616	[1]	ND	(	0.447	[1]	ND	(	0.616	[1]
Acenaphthylene	ND	(	0.664	[1]	ND	(	0.451	[1]	ND	(	0.664	[1]
Anthracene	ND	(	0.728	[1]	ND	(	0.501	[1]	ND	(	0.728	[1]
Benzo(a)anthracene	ND	(	0.661	[1]	ND	(	0.669	[1]	ND	(	0.661	[1]
Benzo(a)pyrene	ND	(	0.649	[1]	ND	(	0.753	[1]	ND	(	0.649	[1]
Benzo(b)fluoranthene	ND	(	0.702	[1]	ND	(	0.671	[1]	ND	(	0.702	[1]
Benzo(g,h,i)perylene	ND	(	0.945	[1]	ND	(	1.09	[1]	ND	(	0.945	[1]
Benzo(k)fluoranthene	ND	(	6.03	[1]	ND	(	3.05	[1]	ND	(	6.03	[1]
Benzoic acid	ND	(	0.428	[1]	ND	(	0.684	[1]	ND	(	0.428	[1]
Benzyl alcohol	ND	(	0.474	[1]	ND	(	0.878	[1]	ND	(	0.474	[1]
Butylbenzylphthalate	ND	(	0.737	[1]	ND	(	0.606	[1]	ND	(	0.737	[1]
Chrysene	ND	(	0.646	[1]	ND	(	0.660	[1]	ND	(	0.646	[1]
Di-n-octylphthalate	ND	(	0.810	[1]	ND	(	0.715	[1]	ND	(	0.810	[1]
Dibenz(a,h)anthracene	ND	(	0.608	[1]	ND	(	0.525	[1]	ND	(	0.608	[1]
Dibenzofuran	ND	(	0.475	[1]	ND	(	0.336	[1]	ND	(	0.475	[1]
Dibutylphthalate	ND	(	0.649	[1]	ND	(	0.291	[1]	ND	(	0.649	[1]
Diethylphthalate	ND	(	0.405	[1]	ND	(	0.435	[1]	ND	(	0.405	[1]
Dimethylphthalate	ND	(	0.649	[1]	ND	(	0.645	[1]	ND	(	0.649	[1]
Diphenylamine	ND	(	0.672	[1]	ND	(	0.673	[1]	ND	(	0.672	[1]
Fluoranthene	ND	(	0.710	[1]	ND	(	0.623	[1]	ND	(	0.710	[1]
Fluorene	ND	(	0.537	[1]	ND	(	1.48	[1]	ND	(	0.537	[1]
Hexachlorobenzene	ND	(	0.714	[1]	ND	(	0.964	[1]	ND	(	0.714	[1]
Hexachlorobutadiene	ND	(	1.98	[1]	ND	(	0.833	[1]	ND	(	1.98	[1]
Hexachlorocyclopentadiene	ND	(	1.79	[1]	ND	(	5.45	[1]	ND	(	1.79	[1]
Hexachloroethane	ND	(	0.763	[1]	ND	(	0.524	[1]	ND	(	0.763	[1]
Indeno(1,2,3-cd)pyrene	ND	(	0.340	[1]	ND	(	0.537	[1]	ND	(	0.340	[1]
Isophorone	ND	(	0.567	[1]	ND	(	0.788	[1]	ND	(	0.567	[1]
N-Nitroso-di-n-propylamine	ND	(			ND	(			ND	(

Compiled: 15 March 1995

() = Detection Limit

□ = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-51

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L)				
Naphthalene	ND	(0.719)	[1]	
Nitrobenzene	ND	(0.544)	[1]	
Pentachloropheno1	ND	(0.486)	[1]	
Phenanthrene	ND	(0.617)	[1]	
Phenol	ND	(0.429)	[1]	
Pyrene	ND	(0.798)	[1]	
bis(2-Ch1oroethoxy)methane	ND	(0.546)	[1]	
bis(2-Ch1oroethyl) ether	ND	(0.595)	[1]	
bis(2-Ch1oroisopropyl) ether	ND	(0.555)	[1]	
bis(2-Ethylhexyl) phthalate	2.44	(0.963)	[1]	
p-Chloroaniline	ND	(0.898)	[1]	

	ND	(0.719)	[1]	
	ND	(0.544)	[1]	
	ND	(0.486)	[1]	
	ND	(0.617)	[1]	
	ND	(0.429)	[1]	
	ND	(0.798)	[1]	
	ND	(0.546)	[1]	
	ND	(0.595)	[1]	
	ND	(0.555)	[1]	
	4.18	(0.963)	[1]	
	ND	(0.898)	[1]	
	ND	(0.705)	[1]	
	ND	(0.533)	[1]	
	ND	(0.476)	[1]	
	ND	(0.605)	[1]	
	ND	(0.421)	[1]	
	ND	(0.782)	[1]	
	ND	(0.535)	[1]	
	ND	(0.583)	[1]	
	ND	(0.544)	[1]	
	3.70	(0.944)	[1]	
	ND	(0.880)	[1]	

Compiled: 15 March 1995

() = Detection Limit

□ =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

*

Value considered suspect, Refer to QC Report

A13-52

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	8	8	8	8	8	8	8	8	8	8
	09-MW-06	09-MW-08	09-MW-12	09-MW-15	09-MW-06	09-MW-08	09-MW-12	09-MW-15	09-MW-06	09-MW-08
	694-09-MW-06	694-09-MW-08	694-09-MW-12	694-09-MW-15	694-09-MW-06	694-09-MW-08	694-09-MW-12	694-09-MW-15	694-09-MW-06	694-09-MW-08
PARAMETER	250	30000	180000	27.0 J (50.0)	250	30000	180000	27.0 J (50.0)	250	30000
Gasoline Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
AK101 - Gasoline Range Organics	250	30000	180000	27.0 J (50.0)	250	30000	180000	27.0 J (50.0)	250	30000
Gasoline Range Organics	250	30000	180000	27.0 J (50.0)	250	30000	180000	27.0 J (50.0)	250	30000
AK102 - Diesel Range Organics (ug/L)	0.00 JB (100)	150000	910000	0.00 JB (100)	0.00 JB (100)	150000	910000	0.00 JB (100)	0.00 JB (100)	150000
Diesel Range Organics	0.00 JB (100)	150000	910000	0.00 JB (100)	0.00 JB (100)	150000	910000	0.00 JB (100)	0.00 JB (100)	150000
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND (0.00296)	0.0510	0.552	ND (0.00296)	0.0510	0.552	0.552	ND (0.00296)	0.0510	0.552
4,4'-DDD	ND (0.00341)	0.0577	0.0791	ND (0.00341)	0.0577	0.0791	0.0791	ND (0.00341)	0.0577	0.0791
4,4'-DDE	0.0260 (0.00363)	ND	ND	0.0260 (0.00363)	ND	ND	ND	0.0260 (0.00363)	ND	ND
4,4'-DDT	ND (0.00237)	ND	0.00810 PJ	ND (0.00237)	ND	0.00810 PJ	0.00810 PJ	ND (0.00237)	ND	0.00810 PJ
Aldrin	ND (0.0197)	ND	ND	ND (0.0197)	ND	ND	ND	ND (0.0197)	ND	ND
Chlordane	0.0137 (0.00278)	ND	ND	0.0137 (0.00278)	ND	ND	ND	0.0137 (0.00278)	ND	ND
Dieldrin	ND (0.00213)	ND	ND	ND (0.00213)	ND	ND	ND	ND (0.00213)	ND	ND
Endosulfan I	ND (0.00373)	ND	ND	ND (0.00373)	ND	ND	ND	ND (0.00373)	ND	ND
Endosulfan II	0.00240 KJ (0.00990)	ND	ND	0.00240 KJ (0.00990)	ND	ND	ND	0.00240 KJ (0.00990)	ND	ND
Endosulfan Sulfate	ND (0.00750)	ND	ND	ND (0.00750)	ND	ND	ND	ND (0.00750)	ND	ND
Endrin	ND (0.00619)	ND	ND	ND (0.00619)	ND	ND	ND	ND (0.00619)	ND	ND
Endrin Aldehyde	0.000500 PJ (0.00639)	ND	ND	0.000500 PJ (0.00639)	ND	ND	ND	0.000500 PJ (0.00639)	ND	ND
Heptachlor	0.0161 (0.00926)	ND	ND	0.0161 (0.00926)	ND	ND	ND	0.0161 (0.00926)	ND	ND
Heptachlor epoxide	ND (0.0391)	ND	ND	ND (0.0391)	ND	ND	ND	ND (0.0391)	ND	ND
Methoxychlor	ND (0.0317)	ND	ND	ND (0.0317)	ND	ND	ND	ND (0.0317)	ND	ND
PCB-1016	ND (0.0285)	ND	ND	ND (0.0285)	ND	ND	ND	ND (0.0285)	ND	ND
PCB-1221	ND (0.0721)	ND	ND	ND (0.0721)	ND	ND	ND	ND (0.0721)	ND	ND
PCB-1232	ND (0.0264)	ND	ND	ND (0.0264)	ND	ND	ND	ND (0.0264)	ND	ND
PCB-1242	ND (0.0313)	ND	ND	ND (0.0313)	ND	ND	ND	ND (0.0313)	ND	ND
PCB-1248	ND (0.0125)	ND	ND	ND (0.0125)	ND	ND	ND	ND (0.0125)	ND	ND
PCB-1254	ND (0.0348)	ND	ND	ND (0.0348)	ND	ND	ND	ND (0.0348)	ND	ND
PCB-1260	ND (0.0558)	ND	ND	ND (0.0558)	ND	ND	ND	ND (0.0558)	ND	ND
Toxaphene	ND (0.0558)	ND	ND	ND (0.0558)	ND	ND	ND	ND (0.0558)	ND	ND

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-53

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	8		8	
	09-MW-06	09-MW-08	09-MW-12	09-MW-15
	G94-09-MW-06	G94-09-MW-08	G94-09-MW-12	G94-09-MW-15
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00283)	0.105 (0.0405)	ND (0.0295)	ND (0.00288)
beta-BHC	ND (0.00401)	ND (0.0320)	ND (0.0339)	ND (0.00407)
delta-BHC	ND (0.00231)	ND (0.0168)	ND (0.0218)	ND (0.000857)
gamma-BHC	0.00870 (0.00177)	ND (0.0127)	ND (0.0391)	ND (0.00179)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND Z (25.5)	ND Z (8.51)	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	ND Z (29.8)	ND Z (9.92)	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	ND Z (51.0)	ND Z (17.0)	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	ND Z (27.6)	ND Z (9.20)	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	ND Z (26.6)	ND Z (8.86)	ND (0.0886)
1,1-Dichloroethene	ND (0.0806)	ND Z (24.2)	ND Z (8.06)	ND (0.0806)
1,2,3-Trichloropropane	ND (0.233)	ND Z (69.9)	ND Z (23.3)	ND (0.233)
1,2-Dichlorobenzene	ND (0.354)	ND Z (106)	ND Z (35.4)	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	ND Z (23.7)	ND Z (7.91)	ND (0.0791)
1,2-Dichloropropane	ND (0.0742)	ND Z (22.3)	ND Z (7.42)	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	ND Z (117)	ND Z (39.1)	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	ND Z (127)	ND Z (42.3)	ND (0.423)
1-Chlorohexane	ND (0.154)	ND Z (46.2)	ND Z (15.4)	ND (0.154)
2-Butanone(MEK)	ND (0.890)	336 Z (267)	ND Z (89.0)	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	ND Z (37.2)	ND Z (12.4)	ND (0.124)
2-Hexanone	ND (0.766)	ND Z (230)	ND Z (76.6)	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND Z (150)	ND Z (50.1)	ND (0.501)
Acetone	4.74 B (2.09)	756 Z (627)	283 Z (209)	2.31 B (2.09)
Benzene	0.180 (0.0307)	273 Z (9.21)	3380 Z (3.07)	0.680 (0.0307)
Bromobenzene	ND (0.165)	ND Z (49.5)	ND Z (16.5)	ND (0.165)
Bromodichloromethane	ND (0.0536)	ND Z (16.1)	ND Z (5.36)	ND (0.0536)
Bromoform	ND (0.108)	ND Z (32.4)	ND Z (10.8)	ND (0.108)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-54

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8			
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
SW8260 - Volatile Organic Compounds, cont. (ug/L)																
Bromomethane	ND	(0.0968)	[1]	ND	Z (29.0)	[300]	ND	Z (9.68)	[100]	ND	(0.0968)	[1]	ND	(0.0968)	[1]	
Carbon disulfide	ND	(0.161)	[1]	ND	Z (48.3)	[300]	ND	Z (16.1)	[100]	ND	(0.161)	[1]	ND	(0.161)	[1]	
Carbon tetrachloride	ND	(0.117)	[1]	ND	Z (35.1)	[300]	ND	Z (11.7)	[100]	ND	(0.117)	[1]	ND	(0.117)	[1]	
Chlorobenzene	ND	(0.112)	[1]	ND	Z (33.6)	[300]	ND	Z (11.2)	[100]	ND	(0.112)	[1]	ND	(0.112)	[1]	
Chloroethane	ND	(0.0972)	[1]	ND	Z (29.2)	[300]	ND	Z (9.72)	[100]	ND	(0.0972)	[1]	ND	(0.0972)	[1]	
Chloroform	ND	(0.0363)	[1]	ND	Z (10.9)	[300]	ND	Z (3.63)	[100]	ND	(0.0363)	[1]	ND	(0.0363)	[1]	
Chloromethane	ND	(0.155)	[1]	48.0	Z (46.5)	[300]	14.0	ZJ (15.5)	[100]	ND	(0.155)	[1]	ND	(0.155)	[1]	
Dibromochloromethane	ND	(0.0283)	[1]	ND	Z (8.49)	[300]	ND	Z (2.83)	[100]	ND	(0.0283)	[1]	ND	(0.0283)	[1]	
Dibromomethane	ND	(0.0598)	[1]	60.0	Z (17.9)	[300]	20.0	Z (5.98)	[100]	ND	(0.0598)	[1]	ND	(0.0598)	[1]	
Ethyl benzene	ND	(0.110)	[1]	69.0	Z (33.0)	[300]	361	Z (11.0)	[100]	ND	(0.110)	[1]	ND	(0.110)	[1]	
Meta-&Para-Xylene	ND	(0.365)	[1]	138	Z (110)	[300]	1320	Z (36.5)	[100]	ND	(0.365)	[1]	ND	(0.365)	[1]	
Methylene Chloride	0.310	B (0.151)	[1]	60.0	Z (45.3)	[300]	22.0	Z (15.1)	[100]	0.360	B (0.151)	[1]	ND	(0.151)	[1]	
Ortho-Xylene	ND	(0.124)	[1]	48.0	Z (37.2)	[300]	631	Z (12.4)	[100]	ND	(0.124)	[1]	ND	(0.124)	[1]	
Styrene	ND	(0.113)	[1]	ND	Z (33.9)	[300]	ND	Z (11.3)	[100]	ND	(0.113)	[1]	ND	(0.113)	[1]	
Tetrachloroethene	ND	(0.209)	[1]	ND	Z (62.7)	[300]	ND	Z (20.9)	[100]	ND	(0.209)	[1]	ND	(0.209)	[1]	
Toluene	0.0400	(0.0336)	[1]	15.0	Z (10.1)	[300]	1290	Z (3.36)	[100]	0.0400	(0.0336)	[1]	ND	(0.0336)	[1]	
Trichloroethene	ND	(0.0439)	[1]	ND	Z (13.2)	[300]	ND	Z (4.39)	[100]	ND	(0.0439)	[1]	ND	(0.0439)	[1]	
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	Z (28.3)	[300]	ND	Z (9.43)	[100]	ND	(0.0943)	[1]	ND	(0.0943)	[1]	
Vinyl Chloride	ND	(0.0992)	[1]	ND	Z (29.8)	[300]	ND	Z (9.92)	[100]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	
Vinyl acetate	ND	(0.127)	[1]	ND	Z (38.1)	[300]	ND	Z (12.7)	[100]	ND	(0.127)	[1]	ND	(0.127)	[1]	
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	Z (23.6)	[300]	ND	Z (7.85)	[100]	1.41	(0.0785)	[1]	ND	(0.0785)	[1]	
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	Z (22.7)	[300]	ND	Z (7.58)	[100]	ND	(0.0758)	[1]	ND	(0.0758)	[1]	
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	Z (39.3)	[300]	ND	Z (13.1)	[100]	ND	(0.131)	[1]	ND	(0.131)	[1]	
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	Z (24.9)	[300]	ND	Z (8.29)	[100]	ND	(0.0829)	[1]	ND	(0.0829)	[1]	
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND	(0.498)	[1]	ND	(0.614)	[1]	ND	(12.6)	[10]	ND	(0.483)	[1]	ND	(0.483)	[1]	
1,2-Dichlorobenzene	ND	(0.604)	[1]	ND	(0.670)	[1]	ND	(13.7)	[10]	ND	(0.586)	[1]	ND	(0.586)	[1]	

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

* - Value considered suspect, Refer to QC Report A13-55

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	09-MW-06		09-MW-08		09-MW-12		09-MW-15		09-MW-06		09-MW-08	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)												
1,3-Dichlorobenzene	ND	(0.405)	[1]	ND	(0.724)	[1]	ND	(14.8)	[10]	ND	(0.393)	[1]
1,4-Dichlorobenzene	ND	(1.59)	[1]	ND	(1.33)	[1]	ND	(27.3)	[10]	ND	(1.54)	[1]
2,4,5-Trichlorophenol	ND	(0.323)	[1]	ND	(0.453)	[1]	ND	(9.29)	[10]	ND	(0.314)	[1]
2,4,6-Trichlorophenol	ND	(0.385)	[1]	ND	(0.429)	[1]	ND	(8.78)	[10]	ND	(0.374)	[1]
2,4-Dichlorophenol	ND	(0.404)	[1]	ND	(0.668)	[1]	ND	(13.7)	[10]	ND	(0.392)	[1]
2,4-Dimethylphenol	ND	(0.658)	[1]	ND	(0.619)	[1]	ND	(12.7)	[10]	ND	(0.639)	[1]
2,4-Dinitrophenol	ND	(1.21)	[1]	ND	(1.82)	[1]	ND	(37.3)	[10]	ND	(1.17)	[1]
2,4-Dinitrotoluene	ND	(0.317)	[1]	ND	(0.740)	[1]	ND	(15.2)	[10]	ND	(0.308)	[1]
2,6-Dinitrotoluene	ND	(0.618)	[1]	ND	(0.716)	[1]	ND	(14.7)	[10]	ND	(0.600)	[1]
2-Chloronaphthalene	ND	(0.797)	[1]	ND	(0.916)	[1]	ND	(18.8)	[10]	ND	(0.774)	[1]
2-Chlorophenol	ND	(0.537)	[1]	ND	(0.607)	[1]	ND	(12.4)	[10]	ND	(0.521)	[1]
2-Methylnaphthalene	ND	(0.811)	[1]	ND	(1.11)	[1]	4740	(31.6)	[20]	ND	(0.787)	[1]
2-Methylphenol	ND	(0.477)	[1]	ND	(0.548)	[1]	ND	(11.2)	[10]	ND	(0.463)	[1]
2-Nitroaniline	ND	(0.515)	[1]	ND	(0.712)	[1]	ND	(14.6)	[10]	ND	(0.500)	[1]
2-Nitrophenol	ND	(0.773)	[1]	ND	(1.03)	[1]	ND	(21.1)	[10]	ND	(0.750)	[1]
3,3'-Dichlorobenzidine	ND	(3.70)	[1]	ND	(0.682)	[1]	ND	(14.0)	[10]	ND	(3.59)	[1]
3-Nitroaniline	ND	(0.511)	[1]	ND	(0.851)	[1]	ND	(17.4)	[10]	ND	(0.496)	[1]
4,6-Dinitro-2-methylphenol	ND	(2.89)	[1]	ND	(0.435)	[1]	ND	(8.92)	[10]	ND	(2.81)	[1]
4-Bromophenyl phenyl ether	ND	(0.288)	[1]	ND	(0.716)	[1]	ND	(14.7)	[10]	ND	(0.280)	[1]
4-Chloro-3-methylphenol	ND	(0.380)	[1]	ND	(0.595)	[1]	ND	(12.2)	[10]	ND	(0.369)	[1]
4-Chlorophenyl phenyl ether	ND	(0.451)	[1]	ND	(0.855)	[1]	ND	(17.5)	[10]	ND	(0.438)	[1]
4-Methylphenol/3-Methylphenol	ND	(0.442)	[1]	ND	(0.818)	[1]	ND	(16.8)	[10]	ND	(0.429)	[1]
4-Nitroaniline	ND	(0.621)	[1]	ND	(0.548)	[1]	ND	(11.2)	[10]	ND	(0.603)	[1]
4-Nitrophenol	ND	(0.761)	[1]	ND	(1.10)	[1]	ND	(22.4)	[10]	ND	(0.739)	[1]
Acenaphthene	ND	(0.604)	[1]	4.92	(0.637)	[1]	39.6	(13.1)	[10]	ND	(0.586)	[1]
Acenaphthylene	ND	(0.616)	[1]	ND	(0.434)	[1]	ND	(8.90)	[10]	ND	(0.598)	[1]
Anthracene	ND	(0.664)	[1]	0.508	(0.438)	[1]	ND	(8.98)	[10]	ND	(0.645)	[1]
Benzo(a)anthracene	ND	(0.728)	[1]	ND	(0.487)	[1]	ND	(9.97)	[10]	ND	(0.707)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-56

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	09-MW-06		09-MW-08		09-MW-12		09-MW-15		09-MW-12		09-MW-15	
	694-09-MW-06	694-09-MW-06	694-09-MW-08	694-09-MW-08	694-09-MW-12	694-09-MW-12	694-09-MW-15	694-09-MW-15	694-09-MW-12	694-09-MW-12	694-09-MW-15	694-09-MW-15
SITE ID												
LOCATION ID												
SAMPLE ID												

SW8270 - Semivolatile Organics, cont. (ug/L)												
Benzo(a)pyrene	ND	(0.661)	[1]	ND	(0.650)	[1]	ND	(13.3)	[10]	ND	(0.642)	[1]
Benzo(b)fluoranthene	ND	(0.649)	[1]	ND	(0.731)	[1]	ND	(15.0)	[10]	ND	(0.630)	[1]
Benzo(g,h,i)perylene	ND	(0.702)	[1]	ND	(0.651)	[1]	ND	(13.3)	[10]	ND	(0.682)	[1]
Benzo(k)fluoranthene	ND	(0.945)	[1]	ND	(1.06)	[1]	ND	(21.7)	[10]	ND	(0.917)	[1]
Benzoic acid	ND	(6.03)	[1]	ND	(2.96)	[1]	ND	(60.7)	[10]	ND	(5.85)	[1]
Benzy1 alcohol	ND	(0.428)	[1]	ND	(0.665)	[1]	ND	(13.6)	[10]	ND	(0.416)	[1]
Butylbenzylphthalate	ND	(0.474)	[1]	ND	(0.853)	[1]	ND	(17.5)	[10]	ND	(0.460)	[1]
Chrysene	ND	(0.737)	[1]	ND	(0.589)	[1]	ND	(12.1)	[10]	ND	(0.716)	[1]
Di-n-octylphthalate	ND	(0.646)	[1]	ND	(0.641)	[1]	ND	(13.1)	[10]	ND	(0.627)	[1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.694)	[1]	ND	(14.2)	[10]	ND	(0.786)	[1]
Dibenzofuran	ND	(0.608)	[1]	ND	(0.510)	[1]	27.7	(10.4)	[10]	ND	(0.590)	[1]
Dibutylphthalate	ND	(0.475)	[1]	ND	(0.327)	[1]	ND	(6.69)	[10]	ND	(0.461)	[1]
Diethylphthalate	ND	(0.649)	[1]	ND	(0.283)	[1]	ND	(5.80)	[10]	ND	(0.630)	[1]
Dimethylphthalate	ND	(0.405)	[1]	ND	(0.423)	[1]	ND	(8.66)	[10]	ND	(0.393)	[1]
Diphenylamine	ND	(0.649)	[1]	ND	(0.627)	[1]	ND	(12.8)	[10]	ND	(0.630)	[1]
Fluoranthene	ND	(0.672)	[1]	0.424 J	(0.653)	[1]	ND	(13.4)	[10]	ND	(0.652)	[1]
Fluorene	ND	(0.710)	[1]	9.47	(0.605)	[1]	91.9	(12.4)	[10]	ND	(0.689)	[1]
Hexachlorobenzene	ND	(0.537)	[1]	ND	(1.44)	[1]	ND	(29.5)	[10]	ND	(0.521)	[1]
Hexachlorobutadiene	ND	(0.714)	[1]	ND	(0.936)	[1]	ND	(19.2)	[10]	ND	(0.693)	[1]
Hexachlorocyclopentadiene	ND	(1.98)	[1]	ND	(0.810)	[1]	ND	(16.6)	[10]	ND	(1.92)	[1]
Hexachloroethane	ND	(1.79)	[1]	ND	(5.30)	[1]	ND	(108)	[10]	ND	(1.74)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.763)	[1]	ND	(0.509)	[1]	ND	(10.4)	[10]	ND	(0.741)	[1]
Isophorone	ND	(0.340)	[1]	ND	(0.522)	[1]	ND	(10.7)	[10]	ND	(0.330)	[1]
N-Nitroso-di-n-propylamine	ND	(0.567)	[1]	ND	(0.766)	[1]	ND	(15.7)	[10]	ND	(0.550)	[1]
Naphthalene	ND	(0.719)	[1]	ND	(0.789)	[1]	2570	(16.2)	[10]	ND	(0.698)	[1]
Nitrobenzene	ND	(0.544)	[1]	ND	(0.801)	[1]	ND	(16.4)	[10]	ND	(0.528)	[1]
Pentachlorophenol	ND	(0.486)	[1]	ND	(0.617)	[1]	ND	(12.6)	[10]	ND	(0.472)	[1]
Phenanthrene	ND	(0.617)	[1]	6.06	(0.604)	[1]	38.4	(12.4)	[10]	ND	(0.599)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-57

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8			
	LOCATION ID		SAMPLE ID		09-MW-06		09-MW-08		09-MW-12		09-MW-15	
	G94-09-MW-06		G94-09-MW-08		G94-09-MW-12		G94-09-MW-15		G94-09-MW-12		G94-09-MW-15	
SW8270 - Semivolatile Organics, cont. (ug/L)												
Phenol	ND	(0.429)	[1]	45.7	(0.673)	[1]	136	(13.8)	[10]	ND	(0.417)	[1]
Pyrene	ND	(0.798)	[1]	0.464 J	(0.775)	[1]	ND	(15.9)	[10]	ND	(0.775)	[1]
bis(2-Chloroethoxy)methane	ND	(0.546)	[1]	ND	(0.641)	[1]	ND	(13.1)	[10]	ND	(0.530)	[1]
bis(2-Chloroethyl)ether	ND	(0.595)	[1]	ND	(0.638)	[1]	ND	(13.1)	[10]	ND	(0.578)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.555)	[1]	ND	(1.06)	[1]	ND	(21.7)	[10]	ND	(0.539)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.963)	[1]	ND	(0.800)	[1]	ND	(16.4)	[10]	ND	(0.935)	[1]
p-Chloroaniline	ND	(0.898)	[1]	ND	(0.962)	[1]	ND	(19.7)	[10]	ND	(0.872)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-58

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID			
	8				13				13			
	10-MW-01				10-MW-03				13-MW-37			
	G94-10-MW-01				G94-10-MW-03				G94-13-MW-37			
	9.00 J (50.0)				590 (50.0)				9.00 J (50.0)			
AK101 - Gasoline Range Organics (ug/L)	[1]				[1]				[1]			
Gasoline Range Organics	38.0 J (100)				42.0 J (100)				34.0 J (100)			
AK102 - Diesel Range Organics (ug/L)	[1]				[1]				[1]			
Diesel Range Organics	0.0122 KJ (0.0276)				ND (0.00288)				ND (0.00299)			
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND (0.00453)				ND (0.00358)				ND (0.00344)			
4,4'-DDD	ND (0.00728)				0.00970 KJ (0.0125)				ND (0.00367)			
4,4'-DDE	ND (0.00285)				ND (0.00230)				ND (0.00411)			
4,4'-DDT	ND (0.0234)				ND (0.0192)				ND (0.0199)			
Aldrin	ND (0.00393)				ND (0.00270)				ND (0.00280)			
Chlordane	0.00240 KJB (0.0141)				ND (0.00207)				ND (0.00215)			
Dieldrin	0.00180 KJ (0.00371)				ND (0.00201)				ND (0.00376)			
Endosulfan I	ND (0.00531)				ND (0.00478)				ND (0.0100)			
Endosulfan II	ND (0.00708)				ND (0.00729)				0.00300 KJ (0.00758)			
Endosulfan Sulfate	ND (0.00390)				0.00390 KJ (0.00602)				ND (0.00625)			
Endrin	ND (0.00124)				0.000200 KJ (0.00621)				0.000400 KJ (0.00645)			
Endrin Aldehyde	ND (0.00244)				0.00450 P (0.00181)				0.000100 KJ (0.00935)			
Heptachlor	ND (0.0534)				ND (0.0380)				ND (0.0395)			
Heptachlor epoxide	ND (0.0238)				ND (0.0308)				ND (0.0321)			
Methoxychlor	ND (0.0226)				ND (0.0277)				ND (0.0288)			
PCB-1016	ND (0.0171)				ND (0.0701)				ND (0.0728)			
PCB-1221	ND (0.117)				ND (0.0257)				ND (0.0267)			
PCB-1232	ND (0.0407)				ND (0.0304)				ND (0.0316)			
PCB-1242	ND (0.0300)				ND (0.0122)				ND (0.0126)			
PCB-1248	ND (0.0340)				ND (0.0338)				ND (0.0351)			
PCB-1254	ND (0.00302)				ND (0.00348)				ND (0.00330)			
PCB-1260	ND (0.0127 KJ (0.0132)				0.00520 (0.00415)				0.00160 PJ (0.00190)			
	ND (0.0201)				ND (0.00283)				ND (0.0399)			
	ND (0.00452)				ND (0.00380)				ND (0.0324)			
	ND (0.0101)				ND (0.00765)				ND (0.0291)			
	ND (0.00765)				ND (0.00632)				ND (0.0736)			
	ND (0.00632)				ND (0.00651)				ND (0.0269)			
	ND (0.00651)				ND (0.00190)				ND (0.0319)			
	ND (0.00190)				ND (0.0128)				ND (0.0128)			
	ND (0.0354)				ND (0.0354)				ND (0.0354)			

Compiled: 15 March 1995

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-59

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				13				13			
	10-MW-01		10-MW-03		13-MW-37		13-MW-37		13-MW-37		13-MW-37	
	G94-10-MW-01		G94-10-MW-03		G94-13-MW-37		G94-13-MW-37		G94-13-MW-37		G94-13-MW-37	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
Toxaphene	ND	(0.0417)	[1]	ND	(0.0542)	[1]	ND	(0.0564)	[1]	ND	(0.0569)	[1]
alpha-BHC	ND	(0.00418)	[1]	ND	(0.00275)	[1]	ND	(0.00286)	[1]	ND	(0.00289)	[1]
beta-BHC	ND	(0.00331)	[1]	ND	(0.00390)	[1]	ND	(0.00405)	[1]	ND	(0.00409)	[1]
delta-BHC	ND	(0.00174)	[1]	ND	(0.00224)	[1]	ND	(0.000852)	[1]	ND	(0.00236)	[1]
gamma-BHC	ND	(0.00381)	[1]	0.00650	(0.00172)	[1]	ND	(0.00178)	[1]	ND	(0.00180)	[1]
SW8260 - Volatile Organic Compounds (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1-Dichloroethane	ND	(0.0886)	[1]	0.280	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]
1,2-Dichloroethane	0.430	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]
2-Butanone(MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]
Acetone	5.56	(2.09)	[1]	2.07 JB	(2.09)	[1]	6.15	(2.09)	[1]	4.81 B	(2.09)	[1]
Benzene	0.300	(0.0307)	[1]	82.9	(0.0614)	[2]	0.0500 B	(0.0307)	[1]	0.0400 B	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-60

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		13	
	LOCATION ID SAMPLE ID	10-MW-01 G94-10-MW-01	10-MW-03 G94-10-MW-03	13-MW-37 G94-13-MW-37 13-MW-37 G94-13-MW-37-FD Dup of G94-13-MW-37
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromodichloromethane	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]
Bromoform	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]
Chloromethane	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]
Dibromomethane	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]
Ethyl benzene	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]
Meta-&Para-Xylene	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]
Methylene Chloride	0.300 B (0.151) [1]	0.180 B (0.151) [1]	0.180 B (0.151) [1]	0.150 JB (0.151) [1]
Ortho-Xylene	ND (0.124) [1]	2.16 (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]
Toluene	0.0500 (0.0336) [1]	0.0400 (0.0336) [1]	0.130 (0.0336) [1]	0.130 (0.0336) [1]
Trichloroethene	1.51 (0.0439) [1]	ND (0.0439) [1]	0.330 (0.0439) [1]	0.360 (0.0439) [1]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]
cis-1,2-Dichloroethene	1.22 (0.0785) [1]	0.170 (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]

Compiled: 15 March 1995

() = Detection Limit

□

= Dilution Factor

ND

= Not Detected

NA = Not Applicable

*

Value considered suspect, Refer to QC Report

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				13				13							
	10-MW-01				10-MW-03				13-MW-37				13-MW-37			
	G94-10-MW-01				G94-10-MW-03				G94-13-MW-37				G94-13-MW-37			
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND	(0.620)	[1]	ND	(0.474)	[1]	ND	(0.435)	[1]	ND	(0.431)	[1]				
1,2-Dichlorobenzene	ND	(0.677)	[1]	ND	(0.575)	[1]	ND	(0.608)	[1]	ND	(0.602)	[1]				
1,3-Dichlorobenzene	ND	(0.731)	[1]	ND	(0.386)	[1]	ND	(0.553)	[1]	ND	(0.548)	[1]				
1,4-Dichlorobenzene	ND	(1.35)	[1]	ND	(1.51)	[1]	ND	(0.724)	[1]	ND	(0.717)	[1]				
2,4,5-Trichlorophenol	ND	(0.458)	[1]	ND	(0.308)	[1]	ND	(0.544)	[1]	ND	(0.539)	[1]				
2,4,6-Trichlorophenol	ND	(0.433)	[1]	ND	(0.367)	[1]	ND	(0.648)	[1]	ND	(0.642)	[1]				
2,4-Dichlorophenol	ND	(0.674)	[1]	ND	(0.385)	[1]	ND	(0.861)	[1]	ND	(0.852)	[1]				
2,4-Dimethylphenol	ND	(0.625)	[1]	ND	(0.627)	[1]	ND	(0.798)	[1]	ND	(0.790)	[1]				
2,4-Dinitrophenol	ND	(1.84)	[1]	ND	(1.15)	[1]	ND	(1.11)	[1]	ND	(1.10)	[1]				
2,4-Dinitrotoluene	ND	(0.747)	[1]	ND	(0.302)	[1]	ND	(0.676)	[1]	ND	(0.670)	[1]				
2,6-Dinitrotoluene	ND	(0.723)	[1]	ND	(0.589)	[1]	ND	(0.737)	[1]	ND	(0.730)	[1]				
2-Chloronaphthalene	ND	(0.925)	[1]	ND	(0.759)	[1]	ND	(0.650)	[1]	ND	(0.644)	[1]				
2-Chlorophenol	ND	(0.612)	[1]	ND	(0.511)	[1]	ND	(0.560)	[1]	ND	(0.554)	[1]				
2-Methylnaphthalene	ND	(1.12)	[1]	ND	(0.772)	[1]	ND	(0.575)	[1]	ND	(0.569)	[1]				
2-Methylphenol	ND	(0.553)	[1]	ND	(0.454)	[1]	ND	(0.311)	[1]	ND	(0.308)	[1]				
2-Nitroaniline	ND	(0.719)	[1]	ND	(0.490)	[1]	ND	(0.730)	[1]	ND	(0.723)	[1]				
2-Nitrophenol	ND	(1.04)	[1]	ND	(0.736)	[1]	ND	(0.733)	[1]	ND	(0.726)	[1]				
3,3'-Dichlorobenzidine	ND	(0.688)	[1]	ND	(3.52)	[1]	ND	(0.885)	[1]	ND	(0.877)	[1]				
3-Nitroaniline	ND	(0.860)	[1]	ND	(0.487)	[1]	ND	(0.771)	[1]	ND	(0.763)	[1]				
4,6-Dinitro-2-methylphenol	ND	(0.439)	[1]	ND	(2.75)	[1]	ND	(0.972)	[1]	ND	(0.962)	[1]				
4-Bromophenyl phenyl ether	ND	(0.723)	[1]	ND	(0.274)	[1]	ND	(0.415)	[1]	ND	(0.411)	[1]				
4-Chloro-3-methylphenol	ND	(0.601)	[1]	ND	(0.362)	[1]	ND	(0.396)	[1]	ND	(0.392)	[1]				
4-Chlorophenyl phenyl ether	ND	(0.863)	[1]	ND	(0.430)	[1]	ND	(0.463)	[1]	ND	(0.458)	[1]				
4-Methylphenol/3-Methylphenol	ND	(0.826)	[1]	ND	(0.421)	[1]	ND	(0.361)	[1]	ND	(0.357)	[1]				
4-Nitroaniline	ND	(0.553)	[1]	ND	(0.591)	[1]	ND	(1.08)	[1]	ND	(1.07)	[1]				
4-Nitrophenol	ND	(1.11)	[1]	ND	(0.725)	[1]	ND	(1.15)	[1]	ND	(1.14)	[1]				
Acenaphthene	ND	(0.643)	[1]	ND	(0.575)	[1]	ND	(0.632)	[1]	ND	(0.626)	[1]				

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8		13		13	
	10-MW-01		13-MW-37		13-MW-37	
	694-10-MW-01	10-MW-03	694-10-MW-03	694-13-MW-37	694-13-MW-37	694-13-MW-37 Dup of 694-13-MW-37
SITE ID						
LOCATION ID						
SAMPLE ID						

SW8270 - Semivolatile Organics, cont. (ug/L)						
Acenaphthylene	ND (0.438) [1]	ND (0.587) [1]	ND (0.626) [1]	ND (0.620) [1]		
Anthracene	ND (0.442) [1]	ND (0.632) [1]	ND (0.755) [1]	ND (0.748) [1]		
Benzo(a)anthracene	ND (0.491) [1]	ND (0.693) [1]	ND (0.588) [1]	ND (0.583) [1]		
Benzo(a)pyrene	ND (0.656) [1]	ND (0.630) [1]	ND (0.786) [1]	ND (0.779) [1]		
Benzo(b)fluoranthene	ND (0.738) [1]	ND (0.618) [1]	ND (1.04) [1]	ND (1.03) [1]		
Benzo(g,h,i)perylene	ND (0.658) [1]	ND (0.669) [1]	ND (1.12) [1]	ND (1.11) [1]		
Benzo(k)fluoranthene	ND (1.07) [1]	ND (0.900) [1]	ND (1.09) [1]	ND (1.08) [1]		
Benzoic acid	ND (2.99) [1]	ND (5.74) [1]	ND (25.8) [1]	ND (25.5) [1]		
Benzyl alcohol	ND (0.671) [1]	ND (0.408) [1]	ND (0.532) [1]	ND (0.527) [1]		
Butylbenzylphthalate	ND (0.862) [1]	ND (0.451) [1]	ND (1.80) [1]	ND (1.79) [1]		
Chrysene	ND (0.594) [1]	ND (0.702) [1]	ND (0.980) [1]	ND (0.971) [1]		
Di-n-octylphthalate	ND (0.647) [1]	ND (0.615) [1]	ND (0.510) [1]	ND (0.505) [1]		
Dibenz(a,h)anthracene	ND (0.701) [1]	ND (0.771) [1]	ND (0.990) [1]	ND (0.981) [1]		
Dibenzofuran	ND (0.514) [1]	ND (0.579) [1]	ND (0.548) [1]	ND (0.543) [1]		
Dibutylphthalate	ND (0.330) [1]	ND (0.452) [1]	ND (0.489) [1]	ND (0.484) [1]		
Diethylphthalate	ND (0.286) [1]	ND (0.618) [1]	ND (0.251) [1]	ND (0.249) [1]		
Dimethylphthalate	ND (0.427) [1]	ND (0.386) [1]	ND (0.443) [1]	ND (0.439) [1]		
Diphenylamine	ND (0.633) [1]	ND (0.618) [1]	ND (0.890) [1]	ND (0.882) [1]		
Fluoranthene	ND (0.660) [1]	ND (0.640) [1]	ND (0.583) [1]	ND (0.578) [1]		
Fluorene	ND (0.611) [1]	ND (0.676) [1]	ND (0.454) [1]	ND (0.450) [1]		
Hexachlorobenzene	ND (1.45) [1]	ND (0.511) [1]	ND (0.545) [1]	ND (0.540) [1]		
Hexachlorobutadiene	ND (0.945) [1]	ND (0.680) [1]	ND (1.02) [1]	ND (1.01) [1]		
Hexachlorocyclopentadiene	ND (0.817) [1]	ND (1.89) [1]	ND (1.18) [1]	ND (1.17) [1]		
Hexachloroethane	ND (5.35) [1]	ND (1.70) [1]	ND (0.546) [1]	ND (0.541) [1]		
Indeno(1,2,3-cd)pyrene	ND (0.513) [1]	ND (0.727) [1]	ND (0.874) [1]	ND (0.865) [1]		
Isophorone	ND (0.527) [1]	ND (0.324) [1]	ND (0.320) [1]	ND (0.317) [1]		
N-Nitroso-di-n-propylamine	ND (0.773) [1]	ND (0.540) [1]	ND (0.610) [1]	ND (0.604) [1]		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				13				13			
	10-MW-01				10-MW-03				13-MW-37			
	G94-10-MW-01				G94-10-MW-03				G94-13-MW-37			

SW8270 - Semivolatile Organics, cont. (ug/L)												
Naphthalene	ND	(0.796)	[1]	0.679	J (0.685)	[1]	ND	(0.764)	[1]	ND	(0.756)	[1]
Nitrobenzene	ND	(0.809)	[1]	ND	(0.518)	[1]	ND	(0.434)	[1]	ND	(0.430)	[1]
Pentachlorophenol	ND	(0.623)	[1]	ND	(0.463)	[1]	ND	(0.942)	[1]	ND	(0.933)	[1]
Phenanthrene	ND	(0.610)	[1]	ND	(0.588)	[1]	ND	(0.653)	[1]	ND	(0.647)	[1]
Phenol	ND	(0.680)	[1]	ND	(0.409)	[1]	ND	(0.369)	[1]	ND	(0.365)	[1]
Pyrene	ND	(0.783)	[1]	ND	(0.760)	[1]	ND	(0.700)	[1]	ND	(0.693)	[1]
bis(2-Chloroethoxy)methane	ND	(0.647)	[1]	ND	(0.520)	[1]	ND	(0.625)	[1]	ND	(0.619)	[1]
bis(2-Chloroethyl)ether	ND	(0.644)	[1]	ND	(0.567)	[1]	ND	(0.482)	[1]	ND	(0.478)	[1]
bis(2-Chloroisopropyl)ether	ND	(1.07)	[1]	ND	(0.529)	[1]	ND	(0.438)	[1]	ND	(0.434)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.808)	[1]	1.80	(0.917)	[1]	ND	(2.63)	[1]	ND	(2.60)	[1]
p-Chloroaniline	ND	(0.971)	[1]	ND	(0.855)	[1]	ND	(0.929)	[1]	ND	(0.920)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

 SITE ID
 LOCATION ID
 SAMPLE ID

 13
 13-MW-38
 694-13-MW-38

PARAMETER	10.0 J	(	50.0)	[1]
AK101 - Gasoline Range Organics (ug/L)				
Gasoline Range Organics				
AK102 - Diesel Range Organics (ug/L)				
Diesel Range Organics	0.00 JB	(	100)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(	0.00305)	[1]
4,4'-DDE	0.00500 P	(	0.00351)	[1]
4,4'-DDT	0.0126 KJ	(	0.0133)	[1]
Aldrin	0.0177	(	0.00419)	[1]
Chlordane	ND	(	0.0203)	[1]
Dieldrin	0.00790	(	0.00286)	[1]
Endosulfan I	0.00940	(	0.00219)	[1]
Endosulfan II	ND	(	0.00384)	[1]
Endosulfan Sulfate	0.00360 KJ	(	0.00507)	[1]
Endrin	ND	(	0.00773)	[1]
Endrin Aldehyde	ND	(	0.00638)	[1]
Heptachlor	0.00330 PJ	(	0.00658)	[1]
Heptachlor epoxide	0.0555	(	0.00954)	[1]
Methoxychlor	0.00580 KJ	(	0.0626)	[1]
PCB-1016	ND	(	0.0327)	[1]
PCB-1221	ND	(	0.0294)	[1]
PCB-1232	ND	(	0.0743)	[1]
PCB-1242	ND	(	0.0272)	[1]
PCB-1248	ND	(	0.0322)	[1]
PCB-1254	ND	(	0.0129)	[1]
PCB-1260	ND	(	0.0358)	[1]
Toxaphene	ND	(	0.0575)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report
A13-65

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER	SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	SW8260 - Volatile Organic Compounds (ug/L)
alpha-BHC	ND (0.00292) [1]	1,1,1,2-Tetrachloroethane ND (0.0851) [1]
beta-BHC	0.00710 P (0.00413) [1]	1,1,1-Trichloroethane ND (0.0992) [1]
delta-BHC	ND (0.00238) [1]	1,1,2,2-Tetrachloroethane ND (0.170) [1]
gamma-BHC	0.0133 (0.00182) [1]	1,1,2-Trichloroethane ND (0.0920) [1]
		1,1-Dichloroethane ND (0.0886) [1]
		1,1-Dichloroethene ND (0.0806) [1]
		1,2,3-Trichloropropane ND (0.233) [1]
		1,2-Dichlorobenzene ND (0.354) [1]
		1,2-Dichloroethane 0.640 (0.0791) [1]
		1,2-Dichloropropane ND (0.0742) [1]
		1,3-Dichlorobenzene ND (0.391) [1]
		1,4-Dichlorobenzene ND (0.423) [1]
		1-Chlorohexane ND (0.154) [1]
		2-Butanone(MEK) ND (0.890) [1]
		2-Chloroethyl vinyl ether ND (0.124) [1]
		2-Hexanone ND (0.766) [1]
		4-Methyl-2-Pentanone(MIBK) ND (0.501) [1]
		Acetone 5.94 (2.09) [1]
		Benzene ND (0.0307) [1]
		Bromobenzene ND (0.165) [1]
		Bromodichloromethane ND (0.0536) [1]
		Bromoform ND (0.108) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-66

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8260 - Volatile Organic Compounds, cont. (ug/L)		
Bromomethane	ND (0.0968)	[1]
Carbon disulfide	ND (0.161)	[1]
Carbon tetrachloride	ND (0.117)	[1]
Chlorobenzene	ND (0.112)	[1]
Chloroethane	ND (0.0972)	[1]
Chloroform	ND (0.0363)	[1]
Chloromethane	ND (0.155)	[1]
Dibromochloromethane	ND (0.0283)	[1]
Dibromomethane	ND (0.0598)	[1]
Ethyl benzene	ND (0.110)	[1]
Meta-&Para-Xylene	ND (0.365)	[1]
Methylene Chloride	0.190 B (0.151)	[1]
Ortho-Xylene	ND (0.124)	[1]
Styrene	ND (0.113)	[1]
Tetrachloroethene	ND (0.209)	[1]
Toluene	0.0300 JB (0.0336)	[1]
Trichloroethene	9.28 (0.0439)	[1]
Trichlorofluoromethane	ND (0.0943)	[1]
Vinyl Chloride	ND (0.0992)	[1]
Vinyl acetate	ND (0.127)	[1]
cis-1,2-Dichloroethene	23.3 (0.0785)	[1]
cis-1,3-Dichloropropene	ND (0.0758)	[1]
trans-1,2-Dichloroethene	1.33 (0.131)	[1]
trans-1,3-Dichloropropene	ND (0.0829)	[1]

SW8270 - Semivolatile Organics (ug/L)		
1,2,4-Trichlorobenzene	ND (0.440)	[1]
1,2-Dichlorobenzene	ND (0.614)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-67

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
694-13-MW-38

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)		
1,3-Dichlorobenzene	ND	(0.558) [1]
1,4-Dichlorobenzene	ND	(0.731) [1]
2,4,5-TrichlorophenoI	ND	(0.550) [1]
2,4,6-TrichlorophenoI	ND	(0.654) [1]
2,4-DichlorophenoI	ND	(0.869) [1]
2,4-DimethylphenoI	ND	(0.806) [1]
2,4-Dinitrophenol	ND	(1.12) [1]
2,4-Dinitrotoluene	ND	(0.683) [1]
2,6-Dinitrotoluene	ND	(0.745) [1]
2-Chloronaphthalene	ND	(0.656) [1]
2-ChlorophenoI	ND	(0.565) [1]
2-Methylnaphthalene	ND	(0.580) [1]
2-MethylphenoI	ND	(0.314) [1]
2-Nitroaniline	ND	(0.738) [1]
2-Nitrophenol	ND	(0.741) [1]
3,3'-Dichlorobenzidine	ND	(0.894) [1]
3-Nitroaniline	ND	(0.778) [1]
4,6-Dinitro-2-methylphenoI	ND	(0.981) [1]
4-Bromophenyl phenyl ether	ND	(0.419) [1]
4-Chloro-3-methylphenoI	ND	(0.400) [1]
4-Chlorophenyl phenyl ether	ND	(0.467) [1]
4-MethylphenoI/3-MethylphenoI	ND	(0.364) [1]
4-Nitroaniline	ND	(1.09) [1]
4-Nitrophenol	ND	(1.16) [1]
Acenaphthene	ND	(0.639) [1]
Acenaphthylene	ND	(0.633) [1]
Anthracene	ND	(0.762) [1]
Benzo(a)anthracene	ND	(0.594) [1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-68

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Benzo(a)pyrene	ND	(0.794)	[1]
Benzo(b)fluoranthene	ND	(1.05)	[1]
Benzo(g,h,i)perylene	ND	(1.13)	[1]
Benzo(k)fluoranthene	ND	(1.10)	[1]
Benzoic acid	ND	(26.0)	[1]
Benzyl alcohol	ND	(0.538)	[1]
Butylbenzylphthalate	ND	(1.82)	[1]
Chrysene	ND	(0.990)	[1]
Di-n-octylphthalate	ND	(0.515)	[1]
Dibenz(a,h)anthracene	ND	(1.00)	[1]
Dibenzofuran	ND	(0.553)	[1]
Dibutylphthalate	ND	(0.494)	[1]
Diethylphthalate	ND	(0.253)	[1]
Dimethylphthalate	ND	(0.448)	[1]
Diphenylamine	ND	(0.899)	[1]
Fluoranthene	ND	(0.589)	[1]
Fluorene	ND	(0.458)	[1]
Hexachlorobenzene	ND	(0.550)	[1]
Hexachlorobutadiene	ND	(1.03)	[1]
Hexachlorocyclopentadiene	ND	(1.19)	[1]
Hexachloroethane	ND	(0.551)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.882)	[1]
Isophorone	ND	(0.323)	[1]
N-Nitroso-di-n-propylamine	ND	(0.616)	[1]
Naphthalene	ND	(0.771)	[1]
Nitrobenzene	ND	(0.439)	[1]
Pentachlorophenol	ND	(0.951)	[1]
Phenanthrene	ND	(0.659)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-69

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
694-13-MW-38

PARAMETER	SW8270 - Semivolatile Organics, cont. (ug/L)		
Phenol	ND	(0.372)	[1]
Pyrene	ND	(0.707)	[1]
bis(2-Chloroethoxy)methane	ND	(0.632)	[1]
bis(2-Chloroethyl)ether	ND	(0.487)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.443)	[1]
bis(2-Ethylhexyl)phthalate	ND	(2.65)	[1]
p-Chloroaniline	ND	(0.939)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report
A13-70

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				
	LOCATION ID SAMPLE ID	1 01-MW-01 G94-01-MW-01	1 01-MW-01 G94-01-MW-01-FD Dup of G94-01-MW-01	1 01-MW-02 G94-01-MW-02	1 01-MW-05 G94-01-MW-05
A403 - Alkalinity (mg/L) Alkalinity		611	() [1]	611 () [1]	702 () [1] 531 () [1]
E170.1 - Temperature (degC) Temperature		4.00	() [1]	4.00 () [1]	3.50 () [1] 4.00 () [1]
SW9040 - pH Electrometric Measurement (pH UNITS) pH		6.63	() [1]	6.63 () [1]	6.45 () [1] 6.60 () [1]
SW9050 - Specific Conductance (umhos/cm) Conductivity		1170	() [1]	1170 () [1]	1270 () [1] 930 () [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-1

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	1	1	1	8
	01-MW-06	01-MW-07	01-MW-08	02-GW-01
	694-01-MW-06	694-01-MW-07	694-01-MW-08	694-02-GW-01
A403 - Alkalinity (mg/L)				
Alkalinity	739	643	720	250
	()	()	()	()
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	3.00	3.00	3.00	3.00
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.64	6.57	6.69	6.99
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1300	1140	1220	440
	()	()	()	()
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-2

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID			
	8				8				4			
	02-GW-03				02-GW-04				04-MW-03			
	G94-02-GW-03				G94-02-GW-04				G94-04-MW-03			
	248				398				1172			
A403 - Alkalinity (mg/L)	()	[1]	()	[1]	()	[1]	()	[1]	()	[1]	NA	[1]
Alkalinity												
E170.1 - Temperature (degC)	()	[1]	()	[1]	()	[1]	()	[1]	()	[1]	NA	[1]
Temperature												
SW6010 - Metals (mg/L)												
Aluminum	NA				NA				0.0570	B (0.0523)	-0.0315	JB (0.0523)
Antimony	NA				NA				0.0402	JB (0.0760)	0.0257	JB (0.0760)
Arsenic	NA				NA				-0.00469	JB (0.0468)	0.00809	JB (0.0468)
Barium	NA				NA				0.537	(0.000860)	0.496	(0.000860)
Beryllium	NA				NA				0.000520	B (0.000510)	-0.00247	JB (0.000510)
Cadmium	NA				NA				-0.000290	JB (0.00386)	0.000900	JB (0.00386)
Calcium	NA				NA				326	(0.0175)	319	(0.0175)
Chromium	NA				NA				0.00357	JB (0.00524)	-0.000520	JB (0.00524)
Cobalt	NA				NA				0.0359	(0.00407)	0.0375	(0.00407)
Copper	NA				NA				0.00824	JB (0.00916)	0.00389	JB (0.00916)
Iron	NA				NA				7.38	(0.00452)	2.63	(0.00452)
Lead	NA				NA				-0.0473	JB (0.0216)	0.0156	JB (0.0216)
Magnesium	NA				NA				73.6	(0.0479)	73.0	(0.0479)
Manganese	NA				NA				23.1	(0.00155)	18.7	(0.00155)
Molybdenum	NA				NA				0.00356	JB (0.00739)	-0.00359	JB (0.00739)
Nickel	NA				NA				0.102	(0.0141)	0.0593	(0.0141)
Potassium	NA				NA				6.88	(0.822)	6.76	(0.822)
Selenium	NA				NA				-0.00316	JB (0.0891)	0.0271	JB (0.0891)
Silver	NA				NA				-0.00196	JB (0.00519)	0.00499	JB (0.00519)
Sodium	NA				NA				9.61	(0.0401)	11.3	(0.0401)
Thallium	NA				NA				-0.101	JB (0.0833)	-0.0312	JB (0.0833)
Vanadium	NA				NA				0.00341	JB (0.00454)	-0.0000300	JB (0.00454)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-3

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	8	8	02-GW-04	02-GW-04	04-MW-03	04-MW-03
	G94-02-GW-03		G94-02-GW-04		G94-04-MW-03	G94-04-MW-03-02
SW6010 - Metals, cont. (mg/L)	NA	NA	0.0147 B (0.00402)	[1]	0.000590 JB (0.00402)	[1]
Zinc						
SW7060 - Arsenic (mg/L)	NA	NA	0.00515 (0.00214)	[1]	0.00246 (0.00214)	[1]
Arsenic						
SW7421 - Lead (mg/L)	NA	NA	0.000630 JB (0.00220)	[1]	-0.000990 JB (0.00220)	[1]
Lead						
SW9040 - pH Electrometric Measurement (pH UNITS)						
pH	()	[1]	7.22 ()	[1]	6.55 ()	NA
SW9050 - Specific Conductance (umhos/cm)						
Conductivity	()	[1]	500 ()	[1]	1870 ()	NA

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-4

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

		SITE ID								
		LOCATION ID		SAMPLE ID						
		4		5						
		04-MW-03 G94-04-MW-03D		05-MW-02 G94-05-MW-02 G94-05-MW-02 Dup of G94-05-MW-02						
		05-MW-03 G94-05-MW-03								
PARAMETER		402	()	[1]	402	()	[1]	536	()	[1]
A403 - Alkalinity (mg/L)	Alkalinity	NA								
E170.1 - Temperature (degC)	Temperature	2.00	()	[1]	2.00	()	[1]	3.00	()	[1]

SW6010 - Metals (mg/L)										
Aluminum	-0.0410 JB (0.0523)	[1]	NA		NA			NA		
Antimony	0.0844 B (0.0760)	[1]	NA		NA			NA		
Arsenic	-0.0110 JB (0.0468)	[1]	NA		NA			NA		
Barium	0.575 (0.000860)	[1]	NA		NA			NA		
Beryllium	0.00108 B (0.000510)	[1]	NA		NA			NA		
Cadmium	-0.00144 JB (0.00386)	[1]	NA		NA			NA		
Calcium	355 (0.0175)	[1]	NA		NA			NA		
Chromium	0.00350 JB (0.00524)	[1]	NA		NA			NA		
Cobalt	0.0394 (0.00407)	[1]	NA		NA			NA		
Copper	0.0353 (0.00916)	[1]	NA		NA			NA		
Iron	8.75 (0.00452)	[1]	NA		NA			NA		
Lead	-0.101 JB (0.0216)	[1]	NA		NA			NA		
Magnesium	78.0 (0.0479)	[1]	NA		NA			NA		
Manganese	26.1 (0.00155)	[1]	NA		NA			NA		
Molybdenum	0.0102 B (0.00739)	[1]	NA		NA			NA		
Nickel	0.0498 (0.0141)	[1]	NA		NA			NA		
Potassium	7.51 (0.822)	[1]	NA		NA			NA		
Selenium	-0.0221 JB (0.0891)	[1]	NA		NA			NA		
Silver	0.000230 JB (0.00519)	[1]	NA		NA			NA		
Sodium	9.95 (0.0401)	[1]	NA		NA			NA		
Thallium	-0.183 JB (0.0833)	[1]	NA		NA			NA		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A14-5

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		4	5	5
		04-MW-03	05-MW-02	05-MW-03
		694-04-MW-03D	694-05-MW-02	694-05-MW-03
			G94-05-MW-02 - FD Dup of	
			G94-05-MW-02	
SW6010 - Metals, cont. (mg/L)				
Vanadium	0.00288 JB (0.00454)	[1]	NA	NA
Zinc	0.00387 JB (0.00402)	[1]	NA	NA
SW7060 - Arsenic (mg/L)				
Arsenic	0.00757 (0.00214)	[1]	NA	NA
SW7421 - Lead (mg/L)				
Lead	-0.000180 JB (0.00220)	[1]	NA	NA
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	NA			
	6.70	()	[1]	6.70
			()	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	NA			
	750	()	[1]	750
			()	1110
			[1]	[1]

Compiled: 15 March 1995

 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A14-6

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	5	5	5	5
	05-MW-04	05-MW-05	05-MW-06	05-MW-07
	G94-05-MW-04	G94-05-MW-05	G94-05-MW-06	G94-05-MW-07
A403 - Alkalinity (mg/L)	970	770	()	[1]
Alkalinity	()	[1]	()	[1]
E170.1 - Temperature (degC)	5.00	2.00	()	[1]
Temperature	()	[1]	()	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)	6.78	6.66	()	[1]
pH	()	[1]	()	[1]
SW9050 - Specific Conductance (umhos/cm)	1790	1610	()	[1]
Conductivity	()	[1]	()	[1]
		1050	()	[1]
		6.71	()	[1]
		4.00	()	[1]
		569	()	[1]
		NA	()	[1]
		3.00	()	[1]
		6.57	()	[1]
		1170	()	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-7

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	5	5	5	5
	05-MW-11	05-MW-13	05-MW-14	05-MW-15
	694-05-MW-11	694-05-MW-13	694-05-MW-14	694-05-MW-15
A403 - Alkalinity (mg/L)				
Alkalinity	969	608	524	500
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	2.50	4.00	3.00	1.00
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.57	6.36	6.55	6.66
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1810	1160	800	850
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit	[] = Dilution Factor	ND = Not Detected	NA = Not Applicable	* - Value considered suspect, Refer to QC Report A14-9
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ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	06-MW-04	06-MW-05	06-MW-05	06-MW-06
	G94-06-MW-04	G94-06-MW-05	G94-06-MW-05D	G94-06-MW-06
SW6010 - Metals, cont. (mg/L)				
Zinc	NA	0.0483 (0.00402) [1]	0.0136 B (0.00402) [1]	NA
SW7060 - Arsenic (mg/L)				
Arsenic	NA	0.00716 (0.000647) [1]	-0.00135 JB (0.000647) [1]	NA
SW7421 - Lead (mg/L)				
Lead	NA	0.00994 (0.00205) [1]	-0.0000600 JB (0.00205) [1]	NA
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.62 () [1]	6.73 () [1]	NA [1]	6.49 () [1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1140 () [1]	710 () [1]	NA [1]	2050 () [1]

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-11

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	06-MW-07	09-MW-01	09-MW-02	09-MW-03
	G94-06-MW-07	G94-09-MW-01	G94-09-MW-02	G94-09-MW-03
A403 - Alkalinity (mg/L)				
Alkalinity	784	701	536	438
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	4.50	4.50	4.00	3.00
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.61	6.77	6.69	6.79
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1390	1270	930	1000
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

*

- Value considered suspect, Refer to QC Report

A14-12

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	09-MW-04	09-MW-05	09-MW-05	09-MW-06
	G94-09-MW-04	G94-09-MW-05	G94-09-MW-05-FD Dup of	G94-09-MW-06
			G94-09-MW-05	
A403 - Alkalinity (mg/L)	623	443	443	189
Alkalinity	()	[1]	[1]	()
E170.1 - Temperature (degC)	4.00	3.00	3.00	3.00
Temperature	()	[1]	[1]	()
SW9040 - pH Electrometric Measurement (pH UNITS)	7.86	6.84	6.84	6.79
pH	()	[1]	[1]	()
SW9050 - Specific Conductance (umhos/cm)	840	690	690	350
Conductivity	()	[1]	[1]	()

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-13

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	09-MW-08	09-MW-12	09-MW-15	10-MW-01
	G94-09-MW-08	G94-09-MW-12	G94-09-MW-15	G94-10-MW-01
A403 - Alkalinity (mg/L)				
Alkalinity	739	850	401	632
	()	()	()	()
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	5.50	5.50	4.00	5.50
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.46	6.44	6.80	6.52
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1280	1460	720	1220
	()	()	()	()
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-14

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID			
A403 - Alkalinity (mg/L)	608	()	[1]	508	()	[1]	508	()	[1]	575	()	[1]
E170.1 - Temperature (degC)	4.00	()	[1]	3.00	()	[1]	3.00	()	[1]	3.50	()	[1]
SW6010 - Metals (mg/L)												
Aluminum	NA	-0.0427	JB (0.0523)	[1]	-0.0116	JB (0.0523)	[1]	-0.0282	JB (0.0523)	[1]	-0.0282	JB (0.0523)
Antimony	NA	0.0300	JB (0.0760)	[1]	-0.0446	JB (0.0760)	[1]	0.0450	JB (0.0760)	[1]	0.0450	JB (0.0760)
Arsenic	NA	-0.0349	JB (0.0468)	[1]	0.0198	JB (0.0468)	[1]	-0.0344	JB (0.0468)	[1]	-0.0344	JB (0.0468)
Barium	NA	0.165	(0.000860)	[1]	0.169	(0.000860)	[1]	0.131	(0.000860)	[1]	0.131	(0.000860)
Beryllium	NA	-0.00163	JB (0.000510)	[1]	0.000500	JB (0.000510)	[1]	-0.000530	JB (0.000510)	[1]	-0.000530	JB (0.000510)
Cadmium	NA	-0.000820	JB (0.00386)	[1]	-0.00258	JB (0.00386)	[1]	0.000390	JB (0.00386)	[1]	0.000390	JB (0.00386)
Calcium	NA	164	(0.0175)	[1]	169	(0.0175)	[1]	190	(0.0175)	[1]	190	(0.0175)
Chromium	NA	-0.00207	JB (0.00524)	[1]	-0.00192	JB (0.00524)	[1]	0.00415	JB (0.00524)	[1]	0.00415	JB (0.00524)
Cobalt	NA	-0.00182	JB (0.00407)	[1]	0.00	JB (0.00407)	[1]	-0.00365	JB (0.00407)	[1]	-0.00365	JB (0.00407)
Copper	NA	0.00529	JB (0.00916)	[1]	0.00647	JB (0.00916)	[1]	0.0230	(0.00916)	[1]	0.0230	(0.00916)
Iron	NA	0.00124	JB (0.00452)	[1]	0.00181	JB (0.00452)	[1]	0.00266	JB (0.00452)	[1]	0.00266	JB (0.00452)
Lead	NA	-0.0433	JB (0.0216)	[1]	-0.0287	JB (0.0216)	[1]	-0.0362	JB (0.0216)	[1]	-0.0362	JB (0.0216)
Magnesium	NA	31.9	(0.0479)	[1]	32.5	(0.0479)	[1]	36.9	(0.0479)	[1]	36.9	(0.0479)
Manganese	NA	-0.000600	JB (0.00155)	[1]	0.000770	JB (0.00155)	[1]	0.00766	B (0.00155)	[1]	0.00766	B (0.00155)
Molybdenum	NA	-0.000410	JB (0.00739)	[1]	-0.00240	JB (0.00739)	[1]	0.00581	JB (0.00739)	[1]	0.00581	JB (0.00739)
Nickel	NA	0.00103	JB (0.0141)	[1]	0.0176	B (0.0141)	[1]	0.00311	JB (0.0141)	[1]	0.00311	JB (0.0141)
Potassium	NA	5.16	(0.822)	[1]	5.54	(0.822)	[1]	3.56	(0.822)	[1]	3.56	(0.822)
Selenium	NA	-0.00931	JB (0.0891)	[1]	0.0342	JB (0.0891)	[1]	0.0590	JB (0.0891)	[1]	0.0590	JB (0.0891)
Silver	NA	-0.00201	JB (0.00519)	[1]	0.0000200	JB (0.00519)	[1]	-0.00404	JB (0.00519)	[1]	-0.00404	JB (0.00519)
Sodium	NA	5.40	(0.0401)	[1]	5.48	(0.0401)	[1]	6.29	(0.0401)	[1]	6.29	(0.0401)
Thallium	NA	-0.0499	JB (0.0833)	[1]	-0.0504	JB (0.0833)	[1]	-0.0188	JB (0.0833)	[1]	-0.0188	JB (0.0833)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-15

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	8	13	13	13	13	13
	10-MW-03	13-MW-37	13-MW-37	13-MW-37	13-MW-38	13-MW-38
	G94-10-MW-03	G94-13-MW-37	G94-13-MW-37	G94-13-MW-37-FD Dup of	G94-13-MW-37	G94-13-MW-38
SW6010 - Metals, cont. (mg/L)						
Vanadium	NA	0.000290 JB (0.00454)	[1]	0.00507 B (0.00454)	[1]	-0.00241 JB (0.00454) [1]
Zinc	NA	0.00936 B (0.00402)	[1]	0.00929 B (0.00402)	[1]	0.0116 B (0.00402) [1]
SW7060 - Arsenic (mg/L)						
Arsenic	NA	-0.00145 JB (0.000647)	[1]	-0.00100 JB (0.000647)	[1]	-0.0000700 JB (0.000647) [1]
SW7421 - Lead (mg/L)						
Lead	NA	0.000560 JB (0.00220)	[1]	-0.000540 JB (0.00220)	[1]	-0.000660 JB (0.00220) [1]
SW9040 - pH Electrometric Measurement (pH UNITS)						
pH	6.78	() [1]	() [1]	6.59 () [1]	6.46 () [1]	() [1]
SW9050 - Specific Conductance (umhos/cm)						
Conductivity	1140	() [1]	() [1]	940 () [1]	1040 () [1]	() [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-16

TABLE A15 ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	1	1	1	1
	01-HA-11	01-HA-11	01-HA-12	01-HA-12
	G94-01-HA-11-01	G94-01-HA-11-02	G94-01-HA-12-01	G94-01-HA-12-02
	0 - 0.5	4.5 - 5	0 - 0.5	4.5 - 5

SW8280 - Dioxins and Furans (ng/g)				
2,3,7,8-TCDD	ND (0.140)	ND X (0.100)	[1]	ND (0.168)
HpCDD Totals	ND (0.246)	0.0701 XJ (0.102)	[1]	0.0510 J (0.295)
HpCDF Totals	ND (0.172)	ND X (0.0870)	[1]	ND (0.222)
HxCDD Totals	ND (0.165)	ND X (0.0911)	[1]	ND (0.198)
HxCDF Totals	ND (0.108)	ND X (0.0600)	[1]	ND (0.129)
OCDD	ND (0.494)	0.399 X (0.228)	[1]	0.359 J (0.707)
OCDF	ND (0.302)	ND X (0.138)	[1]	ND (0.462)
PeCDD Totals	ND (0.140)	ND X (0.0922)	[1]	ND (0.174)
PeCDF Totals	ND (0.0981)	ND X (0.0736)	[1]	ND (0.122)
TCDD Totals	ND (0.140)	ND X (0.100)	[1]	ND (0.168)
TCDF Totals	ND (0.120)	ND X (0.0826)	[1]	ND (0.145)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A15-1

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		1		DD	
	01-HA-13		G94-01-HA-13-01		0 - 0.5		DD-SS-02	
AK101 - Gasoline Range Organics (mg/kg)	NA		NA		NA		DD-SS-02	
Gasoline Range Organics	NA		NA		NA		G94-DD-SS-02	
AK102 - Diesel Range Organics (mg/kg)	NA		NA		NA		0 - 0	
Diesel Range Organics	NA		NA		NA		0 - 0	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	NA		NA		NA		DD-SS-02	
4,4'-DDD	NA		NA		NA		G94-DD-SS-02	
4,4'-DDE	NA		NA		NA		0 - 0	
4,4'-DDT	NA		NA		NA		0 - 0	
Aldrin	NA		NA		NA		0 - 0	
Chlordane	NA		NA		NA		0 - 0	
Dieldrin	NA		NA		NA		0 - 0	
Endosulfan I	NA		NA		NA		0 - 0	
Endosulfan II	NA		NA		NA		0 - 0	
Endosulfan Sulfate	NA		NA		NA		0 - 0	
Endrin	NA		NA		NA		0 - 0	
Endrin Aldehyde	NA		NA		NA		0 - 0	
Heptachlor	NA		NA		NA		0 - 0	
Heptachlor epoxide	NA		NA		NA		0 - 0	
Methoxychlor	NA		NA		NA		0 - 0	
PCB-1016	NA		NA		NA		0 - 0	
PCB-1221	NA		NA		NA		0 - 0	
PCB-1232	NA		NA		NA		0 - 0	
PCB-1242	NA		NA		NA		0 - 0	
PCB-1248	NA		NA		NA		0 - 0	
PCB-1254	NA		NA		NA		0 - 0	
PCB-1260	NA		NA		NA		0 - 0	
Toxaphene	NA		NA		NA		0 - 0	

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-2

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
1												
01-HA-13												
G94-01-HA-13-01												
0 - 0.5												
1												
01-HA-13												
G94-01-HA-13-02												
4.5 - 5												
DD												
DD-SS-01												
G94-DD-SS-01												
0 - 0												
DD												
DD-SS-02												
G94-DD-SS-02												
0 - 0												
PARAMETER												

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)												
alpha-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

SW8280 - Dioxins and Furans (ng/g)												
2,3,7,8-TCDD	ND	(	0.177	[1]	ND	(	0.168	[1]	NA	NA	NA	NA
HpCDD Totals	0.137	J	(	0.277	[1]	ND	(	0.268	[1]	NA	NA	NA
HpCDF Totals	ND	(	0.199	[1]	ND	(	0.181	[1]	NA	NA	NA	NA
HxCDD Totals	ND	(	0.196	[1]	ND	(	0.120	[1]	NA	NA	NA	NA
HxCDF Totals	ND	(	0.116	[1]	ND	(	0.120	[1]	NA	NA	NA	NA
OCDD	0.873	(	0.648	[1]	ND	(	0.649	[1]	NA	NA	NA	NA
OCDF	ND	(	0.400	[1]	ND	(	0.339	[1]	NA	NA	NA	NA
PeCDD Totals	ND	(	0.175	[1]	ND	(	0.173	[1]	NA	NA	NA	NA
PeCDF Totals	ND	(	0.116	[1]	ND	(	0.108	[1]	NA	NA	NA	NA
TCDD Totals	ND	(	0.177	[1]	ND	(	0.168	[1]	NA	NA	NA	NA
TCDF Totals	ND	(	0.140	[1]	ND	(	0.139	[1]	NA	NA	NA	NA

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-3

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
							DD	DD	DD	MB
							DD-SS-03	DD-SS-04	DD-SS-05	MB-SS-01
							G94-DD-SS-03	G94-DD-SS-04	G94-DD-SS-05	G94-MB-SS-01
							0 - 0	0 - 0	0 - 0	0 - 0.5
AK101 - Gasoline Range Organics (mg/kg)										
Gasoline Range Organics	18.0	F	(	5.00)	[5]	2.00	J	(	5.00)	[5]
						4.00	J	(	5.00)	[5]
										NA
AK102 - Diesel Range Organics (mg/kg)										
Diesel Range Organics	410	(	8.00)	[2]	22.0	(	4.00)	[1]	94.0	(
									4.00)	[1]
										NA
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	12700	(	34.3)	[100]	917	(	3.18)	[10]	9450	(
4,4'-DDE	168	(	7.91)	[20]	44.7	(	3.66)	[10]	134	(
4,4'-DDT	1280	(	8.42)	[20]	368	(	3.90)	[10]	1240	(
Aldrin	ND	(	5.50)	[20]	ND	(	4.37)	[10]	ND	(
Chlordane	ND	(	45.7)	[20]	ND	(	21.2)	[10]	ND	(
Dieldrin	74.1	P	(	9.35)	[20]	14.2	P	(	60.0	P
Endosulfan I	ND	(	4.93)	[20]	ND	(	2.29)	[10]	ND	(
Endosulfan II	ND	(	8.65)	[20]	ND	(	4.01)	[10]	ND	(
Endosulfan Sulfate	ND	(	11.4)	[20]	ND	(	5.29)	[10]	ND	(
Endrin	ND	(	12.7)	[20]	ND	(	5.90)	[10]	ND	(
Endrin Aldehyde	ND	(	14.4)	[20]	ND	(	6.66)	[10]	ND	(
Heptachlor	ND	(	12.5)	[20]	ND	(	5.77)	[10]	ND	(
Heptachlor epoxide	15.4	KJ	(	21.5)	[20]	ND	(	9.96)	2.58	KJ
Methoxychlor	ND	(	90.8)	[20]	ND	(	42.1)	[10]	ND	(
PCB-1016	ND	(	73.6)	[20]	ND	(	34.1)	[10]	ND	(
PCB-1221	ND	(	66.2)	[20]	ND	(	30.7)	[10]	ND	(
PCB-1232	ND	(	167)	[20]	ND	(	77.6)	[10]	ND	(
PCB-1242	ND	(	61.3)	[20]	ND	(	28.4)	[10]	ND	(
PCB-1248	ND	(	72.5)	[20]	ND	(	33.6)	[10]	ND	(
PCB-1254	ND	(	29.1)	[20]	ND	(	13.5)	[10]	ND	(
PCB-1260	ND	(	80.6)	[20]	ND	(	37.4)	[10]	ND	(
Toxaphene	ND	(	130)	[20]	ND	(	60.0)	[10]	ND	(

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-4

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	DD	DD	DD	DD	DD	DD	DD	MB
	DD-SS-03	DD-SS-04	DD-SS-05	DD-SS-06	DD-SS-07	DD-SS-08	DD-SS-09	DD-SS-10
	G94-DD-SS-03	G94-DD-SS-04	G94-DD-SS-05	G94-DD-SS-06	G94-DD-SS-07	G94-DD-SS-08	G94-DD-SS-09	G94-DD-SS-10
	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)								
alpha-BHC	ND (6.58)	ND (3.05)	ND (6.33)	ND (1.59)	ND (1.59)	ND (1.59)	ND (1.59)	ND (1.59)
beta-BHC	ND (9.30)	ND (4.31)	ND (8.95)	ND (2.25)	ND (2.25)	ND (2.25)	ND (2.25)	ND (2.25)
delta-BHC	ND (5.36)	ND (2.48)	ND (5.16)	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)
gamma-BHC	ND (4.10)	ND (1.90)	ND (3.94)	ND (0.993)	ND (0.993)	ND (0.993)	ND (0.993)	ND (0.993)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A15-5

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		MB		MB		MB	
							MB-SS-03 G94-MB-SS-03 0 - 0.5		MB-SS-04 G94-MB-SS-04 0 - 0.5		MB-SS-05 G94-MB-SS-05 0 - 0.5	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	350	(6.63)	[20]	278	(33.4)	[100]	142	(6.81)	[20]	129	(6.26)	[20]
4,4'-DDE	52.0	(7.63)	[20]	115	(38.5)	[100]	71.8	(7.83)	[20]	52.9	(7.20)	[20]
4,4'-DDT	625	(8.13)	[20]	542	(41.0)	[100]	949	(8.35)	[20]	547	(7.67)	[20]
Aldrin	ND	(5.30)	[20]	62.0	(45.9)	[100]	ND	(9.35)	[20]	ND	(5.17)	[20]
Chlordane	ND	(44.1)	[20]	ND	(223)	[100]	ND	(45.3)	[20]	ND	(41.6)	[20]
Dieldrin	87.5	(6.22)	[20]	ND	(45.5)	[100]	29.7 P	(9.26)	[20]	27.0	(5.87)	[20]
Endosulfan I	ND	(4.76)	[20]	ND	(24.0)	[100]	ND	(4.89)	[20]	3.98 KJ	(9.68)	[20]
Endosulfan II	ND	(8.35)	[20]	ND	(42.1)	[100]	ND	(8.57)	[20]	ND	(7.88)	[20]
Endosulfan Sulfate	ND	(11.0)	[20]	ND	(55.6)	[100]	ND	(11.3)	[20]	ND	(10.4)	[20]
Endrin	2.21 KJB	(16.8)	[20]	ND	(84.8)	[100]	ND	(17.3)	[20]	ND	(15.9)	[20]
Endrin Aldehyde	4.29 KJ	(13.2)	[20]	ND	(70.0)	[100]	2.50 KJ	(13.5)	[20]	ND	(13.1)	[20]
Heptachlor	0.153 KJ	(14.3)	[20]	ND	(60.6)	[100]	1.12 KJ	(12.3)	[20]	ND	(11.3)	[20]
Heptachlor epoxide	3.05 PJ	(4.17)	[20]	ND	(105)	[100]	ND	(21.3)	[20]	ND	(19.6)	[20]
Methoxychlor	ND	(87.6)	[20]	ND	(442)	[100]	ND	(90.0)	[20]	ND	(82.7)	[20]
PCB-1016	ND	(71.1)	[20]	ND	(359)	[100]	ND	(73.0)	[20]	ND	(67.1)	[20]
PCB-1221	ND	(63.9)	[20]	ND	(322)	[100]	ND	(65.6)	[20]	ND	(60.3)	[20]
PCB-1232	ND	(162)	[20]	ND	(815)	[100]	ND	(166)	[20]	ND	(152)	[20]
PCB-1242	ND	(59.1)	[20]	ND	(298)	[100]	ND	(60.7)	[20]	ND	(55.8)	[20]
PCB-1248	ND	(70.0)	[20]	ND	(353)	[100]	ND	(71.9)	[20]	ND	(66.1)	[20]
PCB-1254	ND	(28.0)	[20]	ND	(141)	[100]	ND	(28.8)	[20]	ND	(26.5)	[20]
PCB-1260	ND	(77.8)	[20]	ND	(393)	[100]	ND	(79.9)	[20]	ND	(73.4)	[20]
Toxaphene	ND	(125)	[20]	ND	(630)	[100]	ND	(128)	[20]	ND	(118)	[20]
alpha-BHC	ND	(6.35)	[20]	ND	(32.0)	[100]	ND	(6.52)	[20]	ND	(5.99)	[20]
beta-BHC	ND	(8.98)	[20]	ND	(45.3)	[100]	ND	(9.22)	[20]	ND	(8.47)	[20]
delta-BHC	ND	(5.17)	[20]	ND	(26.1)	[100]	ND	(5.31)	[20]	ND	(4.88)	[20]
gamma-BHC	ND	(3.96)	[20]	ND	(20.0)	[100]	ND	(4.06)	[20]	ND	(3.73)	[20]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-6

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	MB	MB	MB	MB	MB	MB
	MB-SS-06	MB-SS-07	MB-SS-08	MB-SS-09	MB-SS-06	MB-SS-09
	G94-MB-SS-06	G94-MB-SS-07	G94-MB-SS-08	G94-MB-SS-09	G94-MB-SS-06	G94-MB-SS-09
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)						
4,4'-DDD	2930 (43.3) [100]	275 (7.61) [20]	170 (1.66) [5]	431 (3.24) [10]		
4,4'-DDE	597 (49.8) [100]	28.0 (8.75) [20]	39.4 (1.91) [5]	120 (3.73) [10]		
4,4'-DDT	13400 (53.0) [100]	363 (9.33) [20]	112 (2.04) [5]	1180 (3.97) [10]		
Aldrin	ND (34.6) [100]	ND (10.4) [20]	ND (2.28) [5]	ND (4.45) [10]		
Chlordane	ND (288) [100]	ND (50.6) [20]	ND (11.1) [5]	ND (21.6) [10]		
Dieldrin	484 (40.6) [100]	ND (10.3) [20]	24.0 (1.56) [5]	9.15 (3.04) [10]		
Endosulfan I	35.5 KJ (64.8) [100]	ND (5.46) [20]	ND (1.19) [5]	4.45 KJ (4.86) [10]		
Endosulfan II	ND (54.5) [100]	ND (9.58) [20]	ND (2.09) [5]	ND (4.08) [10]		
Endosulfan Sulfate	ND (71.9) [100]	ND (12.6) [20]	ND (2.76) [5]	5.46 KJ (10.8) [10]		
Endrin	ND (110) [100]	ND (19.3) [20]	1.38 KJB (4.21) [5]	3.76 KJ (8.21) [10]		
Endrin Aldehyde	ND (90.5) [100]	ND (15.9) [20]	ND (3.48) [5]	0.611 KJ (6.44) [10]		
Heptachlor	ND (78.4) [100]	ND (13.8) [20]	ND (3.02) [5]	ND (5.88) [10]		
Heptachlor epoxide	10.5 KJ (135) [100]	ND (23.8) [20]	ND (5.20) [5]	ND (10.1) [10]		
Methoxychlor	ND (572) [100]	ND (100) [20]	ND (22.0) [5]	ND (42.8) [10]		
PCB-1016	ND (464) [100]	ND (81.5) [20]	ND (17.8) [5]	ND (34.8) [10]		
PCB-1221	ND (417) [100]	ND (73.3) [20]	ND (16.0) [5]	ND (31.2) [10]		
PCB-1232	ND (1050) [100]	ND (185) [20]	ND (40.5) [5]	ND (79.0) [10]		
PCB-1242	ND (386) [100]	ND (67.8) [20]	ND (14.8) [5]	ND (28.9) [10]		
PCB-1248	ND (457) [100]	ND (80.3) [20]	ND (17.6) [5]	ND (34.2) [10]		
PCB-1254	ND (183) [100]	ND (32.2) [20]	ND (7.03) [5]	ND (13.7) [10]		
PCB-1260	ND (508) [100]	ND (89.3) [20]	ND (19.5) [5]	ND (38.0) [10]		
Toxaphene	ND (816) [100]	ND (143) [20]	ND (31.4) [5]	ND (61.1) [10]		
alpha-BHC	ND (41.4) [100]	ND (7.28) [20]	ND (1.59) [5]	ND (3.10) [10]		
beta-BHC	ND (58.6) [100]	ND (10.3) [20]	ND (2.25) [5]	ND (4.39) [10]		
delta-BHC	ND (33.8) [100]	ND (5.94) [20]	ND (1.30) [5]	ND (2.53) [10]		
gamma-BHC	ND (25.8) [100]	ND (4.54) [20]	ND (0.992) [5]	ND (1.93) [10]		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-7

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	MB	MB	MB	MB	MB	MB	MB	MB
	MB-SS-10	MB-SS-11	MB-SS-12	MB-SS-13	MB-SS-10	MB-SS-11	MB-SS-12	MB-SS-13
	G94-MB-SS-10	G94-MB-SS-11	G94-MB-SS-12	G94-MB-SS-13	G94-MB-SS-10	G94-MB-SS-11	G94-MB-SS-12	G94-MB-SS-13
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)								
4,4'-DDD	37800 (131) [400]	176 (3.48) [10]	1180 (3.47) [10]	35.0 (1.74) [5]				
4,4'-DDE	1280 (151) [400]	67.4 (4.00) [10]	56.9 (3.99) [10]	8.62 (2.00) [5]				
4,4'-DDT	81900 (161) [400]	1170 (4.26) [10]	376 (4.25) [10]	42.9 (2.13) [5]				
Aldrin	ND (180) [400]	ND (2.78) [10]	ND (2.78) [10]	ND (1.39) [5]				
Chlordane	ND (874) [400]	ND (23.1) [10]	ND (23.1) [10]	ND (11.6) [5]				
Dieldrin	490 P (179) [400]	34.1 (3.26) [10]	58.8 (3.25) [10]	11.7 P (1.63) [5]				
Endosulfan I	ND (94.3) [400]	3.28 KJ (5.21) [10]	ND (2.49) [10]	ND (1.25) [5]				
Endosulfan II	ND (165) [400]	ND (4.38) [10]	ND (4.37) [10]	ND (2.19) [5]				
Endosulfan Sulfate	ND (218) [400]	ND (5.78) [10]	2.98 KJ (11.6) [10]	3.19 KJ (5.82) [5]				
Endrin	199 KJ (333) [400]	ND (8.81) [10]	8.89 (8.79) [10]	ND (3.22) [5]				
Endrin Aldehyde	ND (275) [400]	1.42 KJ (6.91) [10]	4.23 KJ (7.26) [10]	ND (3.64) [5]				
Heptachlor	ND (238) [400]	0.648 KJ (7.50) [10]	ND (6.29) [10]	3.51 KJ (3.75) [5]				
Heptachlor epoxide	ND (411) [400]	ND (10.9) [10]	ND (10.9) [10]	1.26 P (1.09) [5]				
Methoxychlor	ND (1740) [400]	ND (46.0) [10]	ND (45.8) [10]	ND (23.0) [5]				
PCB-1016	ND (1410) [400]	ND (37.3) [10]	ND (37.2) [10]	ND (18.6) [5]				
PCB-1221	ND (1270) [400]	ND (33.5) [10]	ND (33.4) [10]	ND (16.8) [5]				
PCB-1232	ND (3200) [400]	ND (84.7) [10]	ND (84.5) [10]	ND (42.4) [5]				
PCB-1242	ND (1170) [400]	ND (31.0) [10]	ND (30.9) [10]	ND (15.5) [5]				
PCB-1248	ND (1390) [400]	ND (36.7) [10]	ND (36.6) [10]	ND (18.4) [5]				
PCB-1254	ND (555) [400]	ND (14.7) [10]	ND (14.7) [10]	ND (7.35) [5]				
PCB-1260	ND (1540) [400]	ND (40.8) [10]	ND (40.7) [10]	ND (20.4) [5]				
Toxaphene	ND (2480) [400]	ND (65.6) [10]	ND (65.4) [10]	ND (32.8) [5]				
alpha-BHC	ND (126) [400]	ND (3.33) [10]	ND (3.32) [10]	ND (1.66) [5]				
beta-BHC	ND (178) [400]	ND (4.71) [10]	ND (4.70) [10]	ND (2.35) [5]				
delta-BHC	ND (102) [400]	ND (2.71) [10]	ND (2.71) [10]	ND (1.36) [5]				
gamma-BHC	ND (78.4) [400]	ND (2.08) [10]	11.9 (2.07) [10]	10.2 (1.04) [5]				

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-8

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
							MB		MB	
	MB		MB		MB		MB		MB	
	MB-SS-14		MB-SS-15		MB-SS-16		MB-SS-17		MB-SS-17	
	G94-MB-SS-14		G94-MB-SS-15		G94-MB-SS-16		G94-MB-SS-17		G94-MB-SS-17	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
SW0800 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	245	(1.89)	79.1	(10.8)	[20]	1510	(31.1)	[100]	179	(12.9)
4,4'-DDE	49.6	(2.18)	40.0	(12.5)	[20]	507	(35.8)	[100]	32.2	(14.8)
4,4'-DDT	80.9	(2.32)	127	(13.3)	[20]	3510	(38.2)	[100]	325	(15.8)
Aldrin	ND	(1.51)	ND	(8.67)	[20]	ND	(24.9)	[100]	21.2	(17.7)
Chlordane	ND	(12.6)	ND	(72.1)	[20]	ND	(207)	[100]	ND	(85.7)
Dieldrin	10.9 P	(2.57)	ND	(10.2)	[20]	338	(29.2)	[100]	63.9	(12.1)
Endosulfan I	ND	(1.36)	ND	(7.78)	[20]	ND	(22.3)	[100]	ND	(9.24)
Endosulfan II	ND	(2.38)	ND	(13.6)	[20]	ND	(39.2)	[100]	ND	(16.2)
Endosulfan Sulfate	ND	(3.15)	17.6 KJ	(36.2)	[20]	ND	(51.7)	[100]	ND	(21.4)
Endrin	2.72 KJB	(4.80)	ND	(27.5)	[20]	ND	(78.9)	[100]	ND	(32.6)
Endrin Aldehyde	ND	(3.96)	ND	(22.7)	[20]	ND	(61.8)	[100]	ND	(26.9)
Heptachlor	ND	(3.43)	ND	(19.6)	[20]	ND	(56.4)	[100]	ND	(23.3)
Heptachlor epoxide	ND	(5.92)	2.90 PJ	(33.9)	[20]	ND	(97.3)	[100]	ND	(40.3)
Methoxychlor	ND	(38.8)	ND	(143)	[20]	ND	(411)	[100]	ND	(170)
PCB-1016	ND	(20.3)	ND	(116)	[20]	ND	(334)	[100]	ND	(138)
PCB-1221	ND	(18.2)	ND	(104)	[20]	ND	(300)	[100]	ND	(124)
PCB-1232	ND	(46.1)	ND	(264)	[20]	ND	(758)	[100]	ND	(314)
PCB-1242	ND	(16.9)	ND	(96.6)	[20]	ND	(278)	[100]	ND	(115)
PCB-1248	ND	(20.0)	ND	(114)	[20]	ND	(329)	[100]	ND	(136)
PCB-1254	ND	(8.00)	ND	(45.8)	[20]	ND	(132)	[100]	ND	(54.4)
PCB-1260	ND	(22.2)	ND	(127)	[20]	ND	(365)	[100]	ND	(151)
Toxaphene	ND	(35.7)	ND	(204)	[20]	ND	(587)	[100]	ND	(243)
alpha-BHC	ND	(1.81)	ND	(10.4)	[20]	ND	(29.8)	[100]	ND	(12.3)
beta-BHC	ND	(2.56)	ND	(14.7)	[20]	ND	(42.1)	[100]	ND	(17.4)
delta-BHC	ND	(1.48)	ND	(8.45)	[20]	ND	(24.3)	[100]	ND	(10.0)
gamma-BHC	ND	(1.13)	ND	(6.47)	[20]	ND	(18.6)	[100]	ND	(7.68)

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

*

Value considered suspect, Refer to QC Report

A15-9

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	MB		MB									
	MB-SS-18	MB-SS-19	MB-SS-20	MB-SS-21								
	G94-MB-SS-18	G94-MB-SS-19	G94-MB-SS-20	G94-MB-SS-21								
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5								

SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	158	(12.9)	[40]	2920	(35.4)	[100]	5810	(31.9)	[100]	105	(6.97)	[20]
4,4'-DDE	33.1	(14.8)	[40]	1950	(40.7)	[100]	249	(36.7)	[100]	94.6	(8.02)	[20]
4,4'-DDT	272	(15.8)	[40]	8450	(43.4)	[100]	8540	(39.1)	[100]	861	(8.55)	[20]
Aldrin	ND	(17.7)	[40]	ND	(48.6)	[100]	ND	(43.8)	[100]	ND	(5.58)	[20]
Chlordane	ND	(85.8)	[40]	ND	(235)	[100]	ND	(212)	[100]	ND	(46.4)	[20]
Dieldrin	ND	(17.5)	[40]	409	(33.2)	[100]	109	(43.4)	[100]	26.5	(6.54)	[20]
Endosulfan I	ND	(9.26)	[40]	22.1	KJ	[100]	ND	(22.9)	[100]	ND	(5.01)	[20]
Endosulfan II	ND	(16.2)	[40]	ND	(44.5)	[100]	ND	(40.2)	[100]	ND	(8.78)	[20]
Endosulfan Sulfate	ND	(21.4)	[40]	ND	(58.8)	[100]	ND	(53.0)	[100]	ND	(11.6)	[20]
Endrin	ND	(32.7)	[40]	23.4	KJ	[100]	32.5	(80.9)	[100]	ND	(17.7)	[20]
Endrin Aldehyde	ND	(27.0)	[40]	ND	(74.0)	[100]	ND	(66.7)	[100]	ND	(14.6)	[20]
Heptachlor	ND	(23.4)	[40]	ND	(64.2)	[100]	ND	(57.8)	[100]	ND	(12.6)	[20]
Heptachlor epoxide	ND	(40.3)	[40]	ND	(111)	[100]	ND	(99.8)	[100]	3.27	KJ	[20]
Methoxychlor	ND	(170)	[40]	ND	(468)	[100]	ND	(422)	[100]	ND	(92.1)	[20]
PCB-1016	ND	(138)	[40]	ND	(379)	[100]	ND	(342)	[100]	ND	(74.7)	[20]
PCB-1221	ND	(124)	[40]	ND	(341)	[100]	ND	(308)	[100]	ND	(67.2)	[20]
PCB-1232	ND	(314)	[40]	ND	(862)	[100]	ND	(777)	[100]	ND	(170)	[20]
PCB-1242	ND	(115)	[40]	ND	(316)	[100]	ND	(285)	[100]	ND	(62.2)	[20]
PCB-1248	ND	(136)	[40]	ND	(374)	[100]	ND	(337)	[100]	ND	(73.6)	[20]
PCB-1254	ND	(54.5)	[40]	ND	(150)	[100]	ND	(135)	[100]	ND	(29.5)	[20]
PCB-1260	ND	(151)	[40]	ND	(415)	[100]	ND	(374)	[100]	ND	(81.8)	[20]
Toxaphene	ND	(243)	[40]	ND	(667)	[100]	ND	(601)	[100]	ND	(131)	[20]
alpha-BHC	ND	(12.3)	[40]	ND	(33.9)	[100]	ND	(30.5)	[100]	ND	(6.67)	[20]
beta-BHC	ND	(17.5)	[40]	ND	(47.9)	[100]	ND	(43.2)	[100]	ND	(9.44)	[20]
delta-BHC	ND	(10.1)	[40]	ND	(27.6)	[100]	ND	(24.9)	[100]	ND	(5.44)	[20]
gamma-BHC	ND	(7.70)	[40]	ND	(21.1)	[100]	ND	(19.0)	[100]	ND	(4.16)	[20]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-10

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	MB	MB	P0	P0				
	MB-SS-22	MB-SS-23	P0-SS-01	P0-SS-02				
	G94-MB-SS-22	G94-MB-SS-23	G94-P0-SS-01	G94-P0-SS-02				
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5				

AK101 - Gasoline Range Organics	(mg/kg)	NA	0.00	J (5.00)	[5]	0.00	J (5.00)	[5]
Gasoline Range Organics								
AK102 - Diesel Range Organics	(mg/kg)	NA	21.0	(4.00)	[1]	8.00	(4.00)	[1]
Diesel Range Organics								
SW8080 - Organochlorine Pesticides and PCBs	(ug/kg)							
4,4'-DDD	213 (3.63)	[10]	146 (4.34)	[10]		3.87	P (0.368)	[1]
4,4'-DDE	22.6 (4.18)	[10]	19.4 (5.00)	[10]		0.911 (0.424)	(0.405)	[1]
4,4'-DDT	72.2 (4.45)	[10]	116 (5.33)	[10]		18.3 (0.452)	(0.432)	[1]
Aldrin	ND (2.90)	[10]	24.4 (5.97)	[10]		ND (0.295)	(0.282)	[1]
Chlordane	ND (24.2)	[10]	ND (28.9)	[10]		ND (2.45)	(2.34)	[1]
Dieldrin	ND (4.94)	[10]	13.2 (4.07)	[10]		ND (0.501)	(0.330)	[1]
Endosulfan I	4.54 KJ (5.44)	[10]	ND (3.12)	[10]		ND (0.264)	(0.253)	[1]
Endosulfan II	ND (4.57)	[10]	ND (5.47)	[10]		ND (0.464)	(0.443)	[1]
Endosulfan Sulfate	ND (6.04)	[10]	ND (7.22)	[10]		ND (0.612)	(0.585)	[1]
Endrin	2.14 KJB (9.20)	[10]	1.28 PUB (11.0)	[10]		ND (0.934)	(0.893)	[1]
Endrin Aldehyde	ND (7.60)	[10]	ND (8.63)	[10]		ND (0.771)	(0.737)	[1]
Heptachlor	ND (6.58)	[10]	0.804 KJ (9.37)	[10]		0.297 KJ (0.795)	(0.760)	[1]
Heptachlor epoxide	ND (11.4)	[10]	ND (13.6)	[10]		ND (0.232)	(0.222)	[1]
Methoxychlor	ND (48.0)	[10]	ND (57.4)	[10]		ND (4.87)	(4.65)	[1]
PCB-1016	ND (38.9)	[10]	ND (46.6)	[10]		ND (3.95)	(3.78)	[1]
PCB-1221	ND (35.0)	[10]	ND (41.9)	[10]		ND (3.55)	(3.39)	[1]
PCB-1232	ND (88.5)	[10]	ND (106)	[10]		ND (8.97)	(8.58)	[1]
PCB-1242	ND (32.4)	[10]	ND (38.7)	[10]		ND (3.29)	(3.14)	[1]
PCB-1248	ND (38.3)	[10]	ND (45.9)	[10]		ND (3.89)	(3.72)	[1]
PCB-1254	ND (15.4)	[10]	ND (18.4)	[10]		ND (1.56)	(1.49)	[1]
PCB-1260	ND (42.6)	[10]	ND (51.0)	[10]		ND (4.32)	(4.13)	[1]
Toxaphene	ND (68.5)	[10]	ND (81.9)	[10]		ND (6.94)	(6.64)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-11

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)								
alpha-BHC	ND	(	3.48)	[10]	ND	(	4.16)	[10]
beta-BHC	ND	(	4.92)	[10]	ND	(	5.88)	[10]
delta-BHC	ND	(	2.83)	[10]	ND	(	3.39)	[10]
gamma-BHC	ND	(	2.17)	[10]	71.4	(	2.59)	[10]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	NA				NA			
1,1,2,2-Tetrachloroethane	NA				NA			
1,1,2-Trichloroethane	NA				NA			
1,1-Dichloroethane	NA				NA			
1,1-Dichloroethene	NA				NA			
1,2-Dichloroethane	NA				NA			
1,2-Dichloropropane	NA				NA			
2-Chloroethyl vinyl ether	NA				NA			
2-Hexanone	NA				NA			
4-Methyl-2-Pentanone(MIBK)	NA				NA			
Acetone	NA				NA			
Benzene	NA				NA			
Bromodichloromethane	NA				NA			
Bromomethane	NA				NA			
Carbon disulfide	NA				NA			
Carbon tetrachloride	NA				NA			
Chlorobenzene	NA				NA			
Chloroethane	NA				NA			
Chloroform	NA				NA			
Chloromethane	NA				NA			
Dibromochloromethane	NA				NA			
Ethyl benzene	NA				NA			
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)								
alpha-BHC	ND	(	3.48)	[10]	ND	(	4.16)	[10]
beta-BHC	ND	(	4.92)	[10]	ND	(	5.88)	[10]
delta-BHC	ND	(	2.83)	[10]	ND	(	3.39)	[10]
gamma-BHC	ND	(	2.17)	[10]	71.4	(	2.59)	[10]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	NA				NA			
1,1,2,2-Tetrachloroethane	NA				NA			
1,1,2-Trichloroethane	NA				NA			
1,1-Dichloroethane	NA				NA			
1,1-Dichloroethene	NA				NA			
1,2-Dichloroethane	NA				NA			
1,2-Dichloropropane	NA				NA			
2-Chloroethyl vinyl ether	NA				NA			
2-Hexanone	NA				NA			
4-Methyl-2-Pentanone(MIBK)	NA				NA			
Acetone	NA				NA			
Benzene	NA				NA			
Bromodichloromethane	NA				NA			
Bromomethane	NA				NA			
Carbon disulfide	NA				NA			
Carbon tetrachloride	NA				NA			
Chlorobenzene	NA				NA			
Chloroethane	NA				NA			
Chloroform	NA				NA			
Chloromethane	NA				NA			
Dibromochloromethane	NA				NA			
Ethyl benzene	NA				NA			

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-12

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID			SAMPLE ID		
	MB	MB	MB	PO	PO	PO
	MB-SS-22	MB-SS-23	MB-SS-23	PO-SS-01	PO-SS-02	PO-SS-02
	G94-MB-SS-22	G94-MB-SS-23	G94-MB-SS-23	G94-PO-SS-01	G94-PO-SS-02	G94-PO-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8240 - Volatile Organics, cont. (ug/kg)						
Methyl ethyl ketone	NA	NA	NA	ND	ND	(1.47)
Methylene Chloride	NA	NA	NA	1.89 J	3.89	(2.52)
Styrene	NA	NA	NA	ND	ND	(1.56)
Tetrachloroethene	NA	NA	NA	ND	ND	(4.59)
Toluene	NA	NA	NA	ND	ND	(1.64)
Tribromomethane(Bromoform)	NA	NA	NA	ND	ND	(1.46)
Trichloroethene	NA	NA	NA	ND	ND	(4.69)
Vinyl Chloride	NA	NA	NA	ND	ND	(2.00)
Vinyl acetate	NA	NA	NA	ND	ND	(10.6)
Xylene (total)	NA	NA	NA	ND	ND	(3.52)
cis-1,2-Dichloroethene	NA	NA	NA	ND	ND	(1.83)
cis-1,3-Dichloropropene	NA	NA	NA	ND	ND	(1.55)
trans-1,2-Dichloroethene	NA	NA	NA	ND	ND	(2.25)
trans-1,3-Dichloropropene	NA	NA	NA	ND	ND	(1.68)
SW8270 - Semivolatile Organics (ug/g)						
1,2,4-Trichlorobenzene	NA	NA	NA	ND	ND	(0.00738)
1,2-Dichlorobenzene	NA	NA	NA	ND	ND	(0.0247)
1,3-Dichlorobenzene	NA	NA	NA	ND	ND	(0.0274)
1,4-Dichlorobenzene	NA	NA	NA	ND	ND	(0.0272)
2,4,5-Trichlorophenol	NA	NA	NA	ND	ND	(0.0225)
2,4,6-Trichlorophenol	NA	NA	NA	ND	ND	(0.0187)
2,4-Dichlorophenol	NA	NA	NA	ND	ND	(0.0223)
2,4-Dimethylphenol	NA	NA	NA	ND	ND	(0.0488)
2,4-Dinitrophenol	NA	NA	NA	ND	ND	(0.0996)
2,4-Dinitrotoluene	NA	NA	NA	ND	ND	(0.0296)
2,6-Dinitrotoluene	NA	NA	NA	ND	ND	(0.0404)
2-Chloronaphthalene	NA	NA	NA	ND	ND	(0.0346)

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

* - Value considered suspect, Refer to QC Report

A15-13

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID				
LOCATION ID				
SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)				
	MB	MB	PO	PO
	MB-SS-22	MB-SS-23	PO-SS-01	PO-SS-02
	G94-MB-SS-22	G94-MB-SS-23	G94-PO-SS-01	G94-PO-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
PARAMETER				

SW8270 - Semivolatile Organics, cont. (ug/g)				
2-Chlorophenol	NA	NA	ND (0.0132)	ND (0.0126)
2-Methylnaphthalene	NA	NA	ND (0.0244)	ND (0.0233)
2-Methylphenol	NA	NA	ND (0.0319)	ND (0.0304)
2-Nitroaniline	NA	NA	ND (0.0323)	ND (0.0307)
2-Nitrophenol	NA	NA	ND (0.0172)	ND (0.0163)
3,3'-Dichlorobenzidine	NA	NA	ND (0.0440)	ND (0.0419)
3-Nitroaniline	NA	NA	ND (0.0130)	ND (0.0124)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.0295)	ND (0.0281)
4-Bromophenyl phenyl ether	NA	NA	ND (0.0246)	ND (0.0235)
4-Chloro-3-methylphenol	NA	NA	ND (0.0185)	ND (0.0176)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.0296)	ND (0.0282)
4-Methylphenol/3-Methylphenol	NA	NA	ND (0.0501)	ND (0.0477)
4-Nitroaniline	NA	NA	ND (0.0242)	ND (0.0230)
4-Nitrophenol	NA	NA	ND (0.0255)	ND (0.0243)
Acenaphthene	NA	NA	ND (0.0195)	ND (0.0185)
Acenaphthylene	NA	NA	ND (0.0266)	ND (0.0253)
Anthracene	NA	NA	ND (0.0218)	ND (0.0207)
Benzo(a)anthracene	NA	NA	ND (0.0141)	ND (0.0134)
Benzo(a)pyrene	NA	NA	ND (0.0218)	ND (0.0208)
Benzo(b)fluoranthene	NA	NA	ND (0.0387)	ND (0.0369)
Benzo(g,h,i)perylene	NA	NA	ND (0.0224)	ND (0.0213)
Benzo(k)fluoranthene	NA	NA	ND (0.0331)	ND (0.0315)
Benzoic acid	NA	NA	ND (0.121)	ND (0.115)
Benzyl alcohol	NA	NA	ND (0.0582)	ND (0.0554)
Butylbenzylphthalate	NA	NA	ND (0.0303)	ND (0.0289)
Chrysene	NA	NA	ND (0.0236)	ND (0.0225)
Di-n-octylphthalate	NA	NA	ND (0.0235)	ND (0.0224)
Dibenz(a,h)anthracene	NA	NA	ND (0.0276)	ND (0.0263)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-14

TABLE A15
ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID													
LOCATION ID													
SAMPLE ID													
BEG. DEPTH - END DEPTH (FT.)													
PARAMETER													

SW8270 - Semivolatile Organics, cont. (ug/g)													
Dibenzofuran	NA	NA	NA	ND	(	0.0158)	[1]	ND	(	0.0150)	[1]
Dibutylphthalate	NA	NA	NA	ND	(	0.0125)	[1]	ND	(	0.0119)	[1]
Diethylphthalate	NA	NA	NA	ND	(	0.0149)	[1]	ND	(	0.0142)	[1]
Dimethylphthalate	NA	NA	NA	ND	(	0.0190)	[1]	ND	(	0.0181)	[1]
Diphenylamine	NA	NA	NA	ND	(	0.0309)	[1]	ND	(	0.0294)	[1]
Fluoranthene	NA	NA	NA	ND	(	0.0172)	[1]	ND	(	0.0163)	[1]
Fluorene	NA	NA	NA	ND	(	0.0139)	[1]	ND	(	0.0133)	[1]
Hexachlorobenzene	NA	NA	NA	ND	(	0.0213)	[1]	ND	(	0.0203)	[1]
Hexachlorobutadiene	NA	NA	NA	ND	(	0.0265)	[1]	ND	(	0.0253)	[1]
Hexachlorocyclopentadiene	NA	NA	NA	ND	(	0.0662)	[1]	ND	(	0.0631)	[1]
Hexachloroethane	NA	NA	NA	ND	(	0.0404)	[1]	ND	(	0.0385)	[1]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND	(	0.0194)	[1]	ND	(	0.0185)	[1]
Isophorone	NA	NA	NA	ND	(	0.0122)	[1]	ND	(	0.0116)	[1]
N-Nitroso-di-n-propylamine	NA	NA	NA	ND	(	0.0317)	[1]	ND	(	0.0302)	[1]
Naphthalene	NA	NA	NA	ND	(	0.0270)	[1]	ND	(	0.0257)	[1]
Nitrobenzene	NA	NA	NA	ND	(	0.0157)	[1]	ND	(	0.0150)	[1]
Pentachlorophenol	NA	NA	NA	ND	(	0.00775)	[1]	ND	(	0.00738)	[1]
Phenanthrene	NA	NA	NA	ND	(	0.0224)	[1]	ND	(	0.0213)	[1]
Phenol	NA	NA	NA	ND	(	0.0408)	[1]	ND	(	0.0388)	[1]
Pyrene	NA	NA	NA	ND	(	0.0187)	[1]	ND	(	0.0178)	[1]
bis(2-Chloroethoxy)methane	NA	NA	NA	ND	(	0.0135)	[1]	ND	(	0.0128)	[1]
bis(2-Chloroethyl) ether	NA	NA	NA	ND	(	0.0188)	[1]	ND	(	0.0179)	[1]
bis(2-Chloroisopropyl) ether	NA	NA	NA	ND	(	0.0231)	[1]	ND	(	0.0220)	[1]
bis(2-Ethylhexyl) phthalate	NA	NA	NA	ND	(	0.0662)	[1]	0.103	(	0.0631)	[1]
p-Chloroaniline	NA	NA	NA	ND	(	0.0396)	[1]	ND	(	0.0377)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A15-15

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
ASTMD2216 - Modified Percent moisture	1	1	1	1
	01-HA-11	01-HA-11	01-HA-12	01-HA-12
	G94-01-HA-11-01	G94-01-HA-11-02	G94-01-HA-12-01	G94-01-HA-12-02
	0 - 0.5	4.5 - 5	0 - 0.5	4.5 - 5
	7.72	(0.00) [1]	26.7 (0.00) [1]	7.69 (0.00) [1]
				26.3 (0.00) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report
A16-1

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
-----	1	1	DD	DD
	01-HA-13	01-HA-13	DD-SS-01	DD-SS-02
	G94-01-HA-13-01	G94-01-HA-13-02	G94-DD-SS-01	G94-DD-SS-02
	0 - 0.5	4.5 - 5	0 - 0	0 - 0
	11.4 (0.00) [1]	10.7 (0.00) [1]	8.32 (0.00) [1]	8.71 (0.00) [1]
ASTMD2216 - Modified				
Percent moisture				

Compiled: 15 March 1995

 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A16-2

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	DD	DD	DD	DD	MB	
ASTMD2216 - Modified	DD-SS-03	DD-SS-04	DD-SS-05	DD-SS-01		
Percent moisture	G94-DD-SS-03	G94-DD-SS-04	G94-DD-SS-05	G94-MB-SS-01		
	0 - 0	0 - 0	0 - 0	0 - 0.5		
	11.3	(0.00)	[1]	5.13	(0.00)	[1]
				7.89	(0.00)	[1]
				8.95	(0.00)	[1]

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

*

Value considered suspect, Refer to QC Report

A16-3

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		LOCATION ID		LOCATION ID							
	SAMPLE ID		SAMPLE ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)											
ASTMD2216 - Modified	9.34	(0.00)	[1]	9.60	(0.00)	[1]	11.6	(0.00)	[1]	3.17	(0.00)	[1]
Percent moisture												

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-4

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)					
	MB	MB	MB	MB	MB	MB
	MB-SS-06	MB-SS-07	MB-SS-08	MB-SS-09	MB-SS-09	MB-SS-09
	G94-MB-SS-06	G94-MB-SS-07	G94-MB-SS-08	G94-MB-SS-09	G94-MB-SS-09	G94-MB-SS-09
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
ASTMD2216 - Modified	30.3	20.8	9.49	7.06	0.00	0.00
Percent moisture	((((((
	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)
	[1]	[1]	[1]	[1]	[1]	[1]

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

[illegible]

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	MB	MB	MB	MB	MB	MB
ASTMD2216 - Modified	MB-SS-14	MB-SS-15	MB-SS-16	MB-SS-17		
Percent moisture	G94-MB-SS-14	G94-MB-SS-15	G94-MB-SS-16	G94-MB-SS-17		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
	20.0	45.2	3.99	6.34		
	(0.00)	(0.00)	(0.00)	(0.00)		
	[1]	[1]	[1]	[1]		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-7

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	MB	MB-SS-18	MB	MB-SS-19	MB	MB-SS-20	MB	MB-SS-21	MB	MB-SS-21	MB	MB-SS-21
ASTMD2216 - Modified												
Percent moisture												
	7.51	(0.00)	[1]	14.2	(0.00)	[1]	5.72	(0.00)	[1]	14.4	(0.00)	[1]
		G94-MB-SS-18		G94-MB-SS-19		G94-MB-SS-20		G94-MB-SS-21		G94-MB-SS-21		G94-MB-SS-21
		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-8

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	LOCATION ID				LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID				SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)			

ASTM D2216 - Modified (percent)																
Percent moisture	16.4	(	0.00)	[1]	31.3	(	0.00)	[1]	17.8	(	0.00)	[1]	13.8	(	0.00)	[1]

SW6010 - Metals (mg/kg)																
Aluminum	NA				NA				10200	(	2.56)	[1]	9910	(	2.60)	[1]
Antimony	NA				NA				-4.40 J	(	5.44)	[1]	1.22 J	(	5.53)	[1]
Arsenic	NA				NA				-1.47 J	(	3.22)	[1]	6.00	(	3.27)	[1]
Barium	NA				NA				147	(	0.0647)	[1]	146	(	0.0657)	[1]
Beryllium	NA				NA				0.310	(	0.0306)	[1]	0.322	(	0.0310)	[1]
Cadmium	NA				NA				-0.00278 J	(	0.346)	[1]	0.507	(	0.351)	[1]
Calcium	NA				NA				15200	(	1.27)	[1]	14500	(	1.29)	[1]
Chromium	NA				NA				20.3	(	0.183)	[1]	19.8	(	0.186)	[1]
Cobalt	NA				NA				9.04	(	0.500)	[1]	9.17	(	0.508)	[1]
Copper	NA				NA				17.1	(	0.466)	[1]	17.3	(	0.474)	[1]
Iron	NA				NA				18500	(	0.473)	[1]	18900	(	0.480)	[1]
Lead	NA				NA				3.74	(	1.97)	[1]	4.20	(	2.00)	[1]
Magnesium	NA				NA				7040	(	8.94)	[1]	6900	(	9.08)	[1]
Manganese	NA				NA				317	(	0.457)	[1]	342	(	0.465)	[1]
Molybdenum	NA				NA				-0.117 J	(	0.356)	[1]	0.559	(	0.362)	[1]
Nickel	NA				NA				24.3	(	1.06)	[1]	24.1	(	1.08)	[1]
Potassium	NA				NA				1060	(	40.9)	[1]	1040	(	41.6)	[1]
Selenium	NA				NA				-8.50 J	(	5.42)	[1]	-8.95 J	(	5.51)	[1]
Silver	NA				NA				-0.599 J	(	0.411)	[1]	-0.311 J	(	0.418)	[1]
Sodium	NA				NA				376	(	2.83)	[1]	366	(	2.88)	[1]
Thallium	NA				NA				-7.61 JB	(	5.72)	[1]	-4.03 JB	(	5.80)	[1]
Vanadium	NA				NA				36.6	(	0.272)	[1]	36.2	(	0.276)	[1]
Zinc	NA				NA				53.2	(	0.322)	[1]	53.1	(	0.327)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-9

END

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